

Fig-1

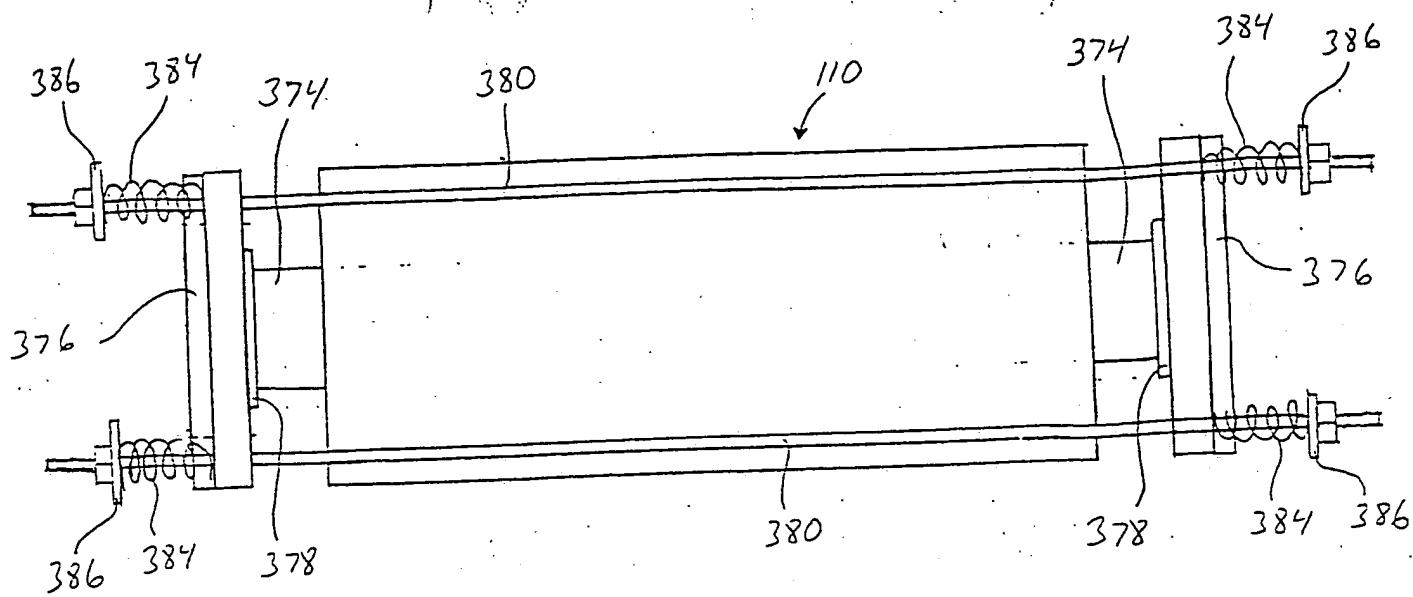


Fig. 2

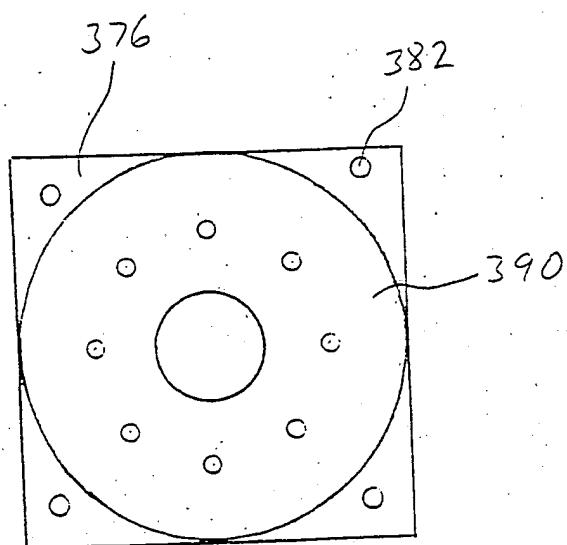


Fig. 3

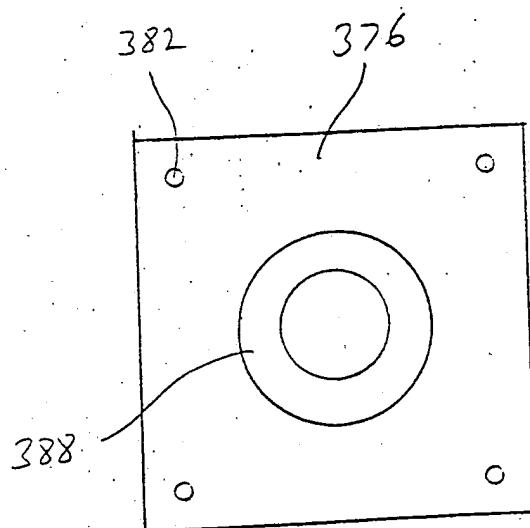


Fig. 4

Fig. 5

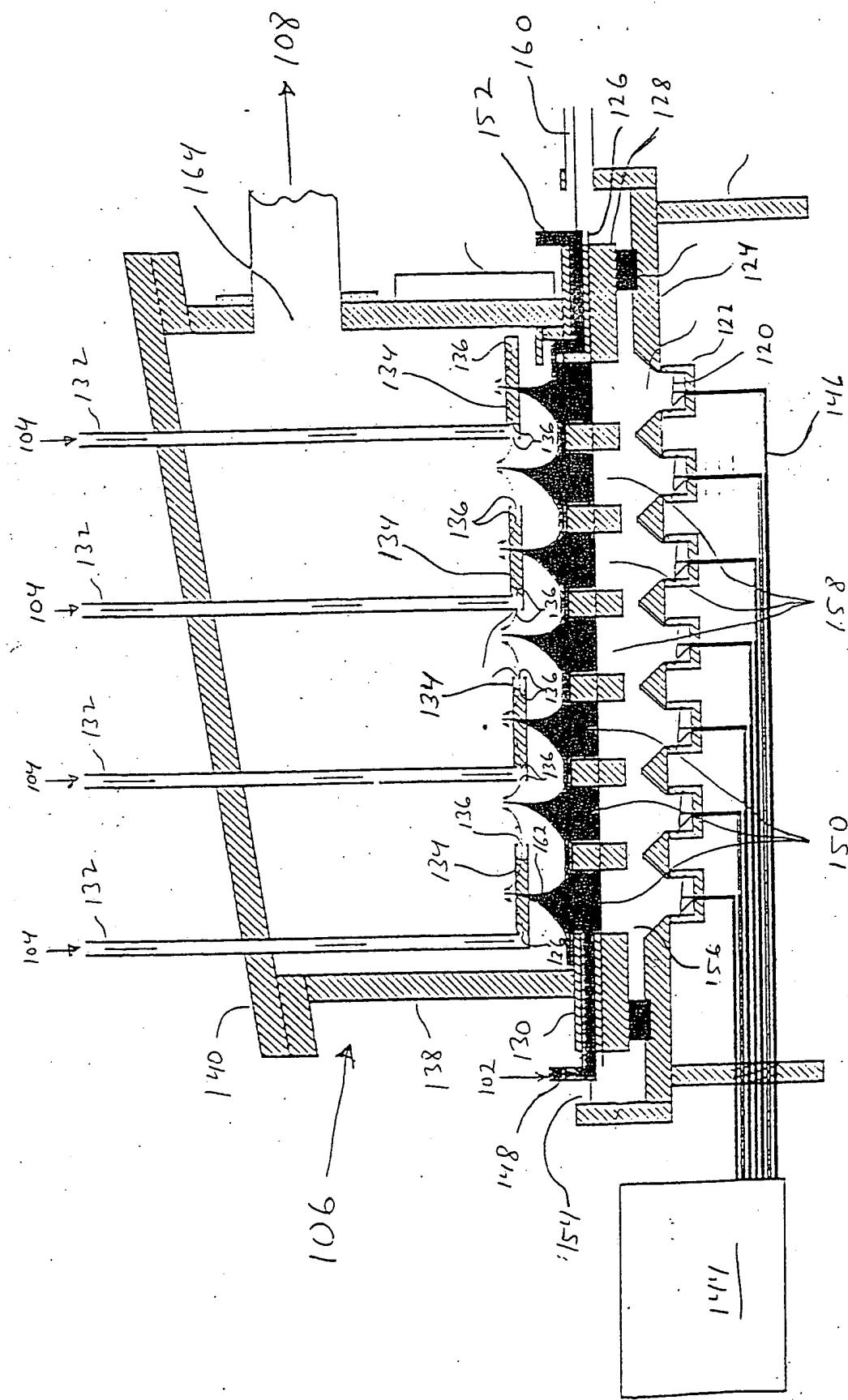
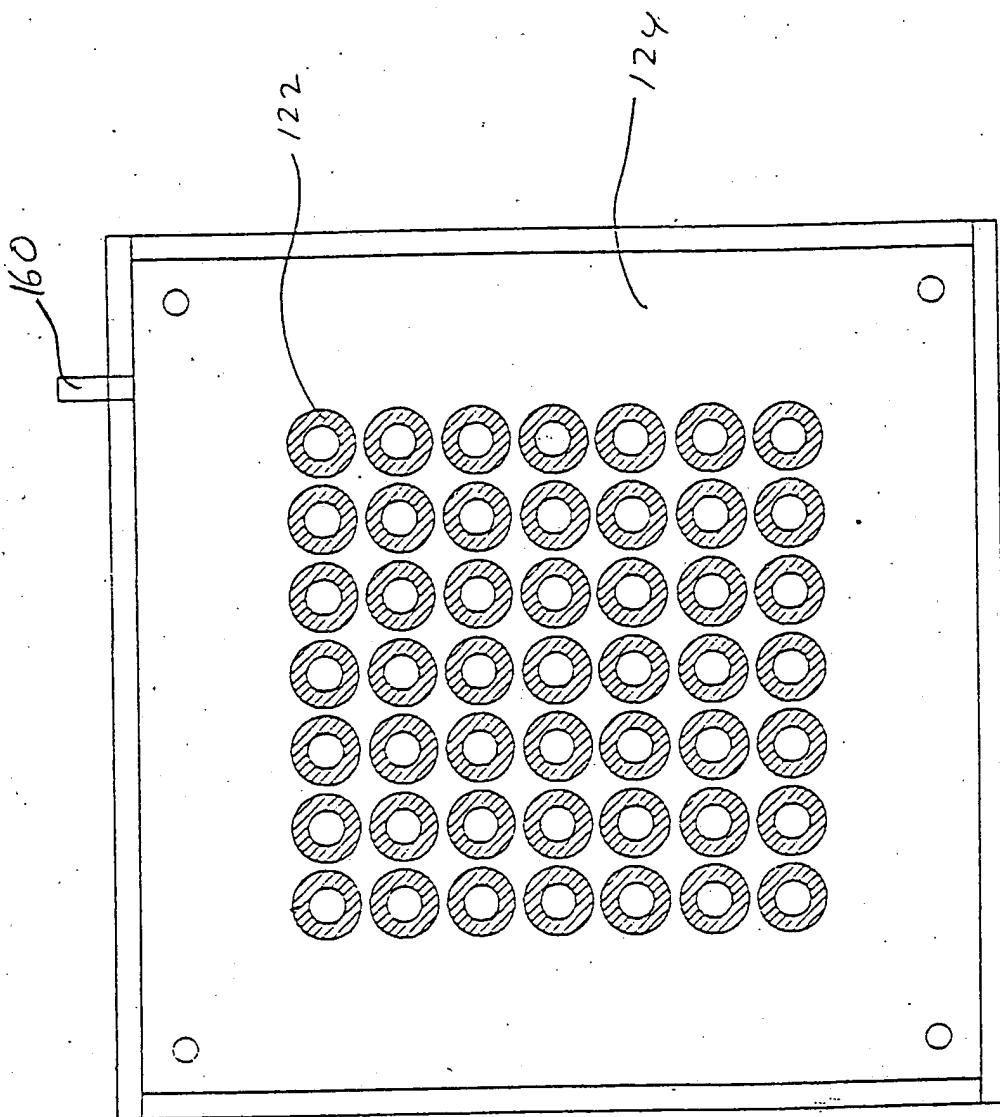


Fig 6



124

170

172

Fig. 7

170

174

① ①

124

174

Fig. 8

172

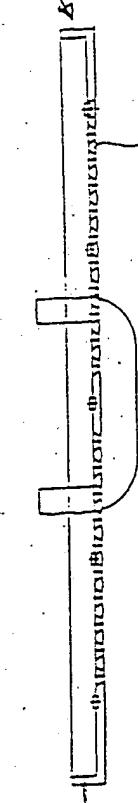
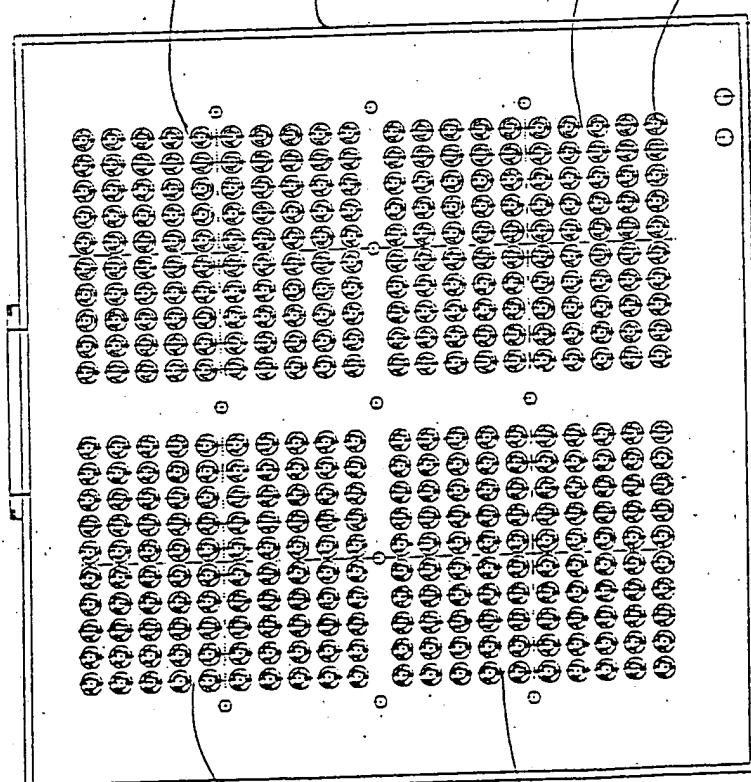
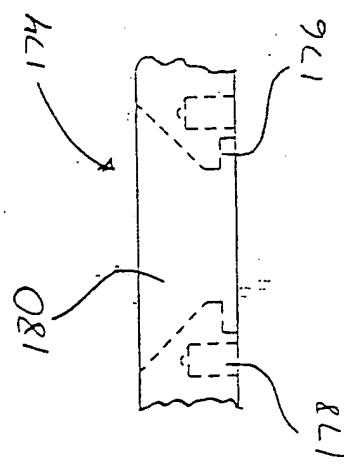


Fig. 9



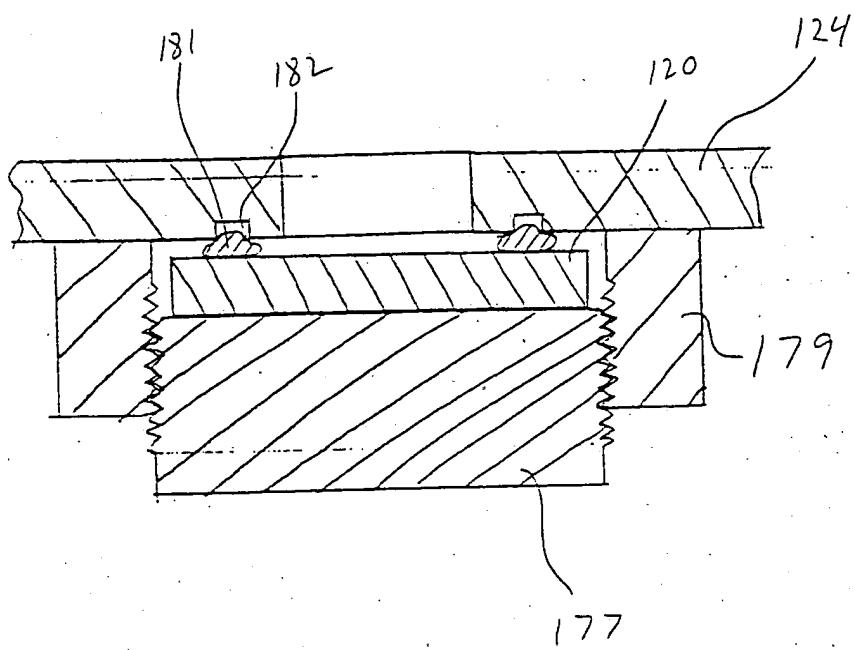


Fig. 10.

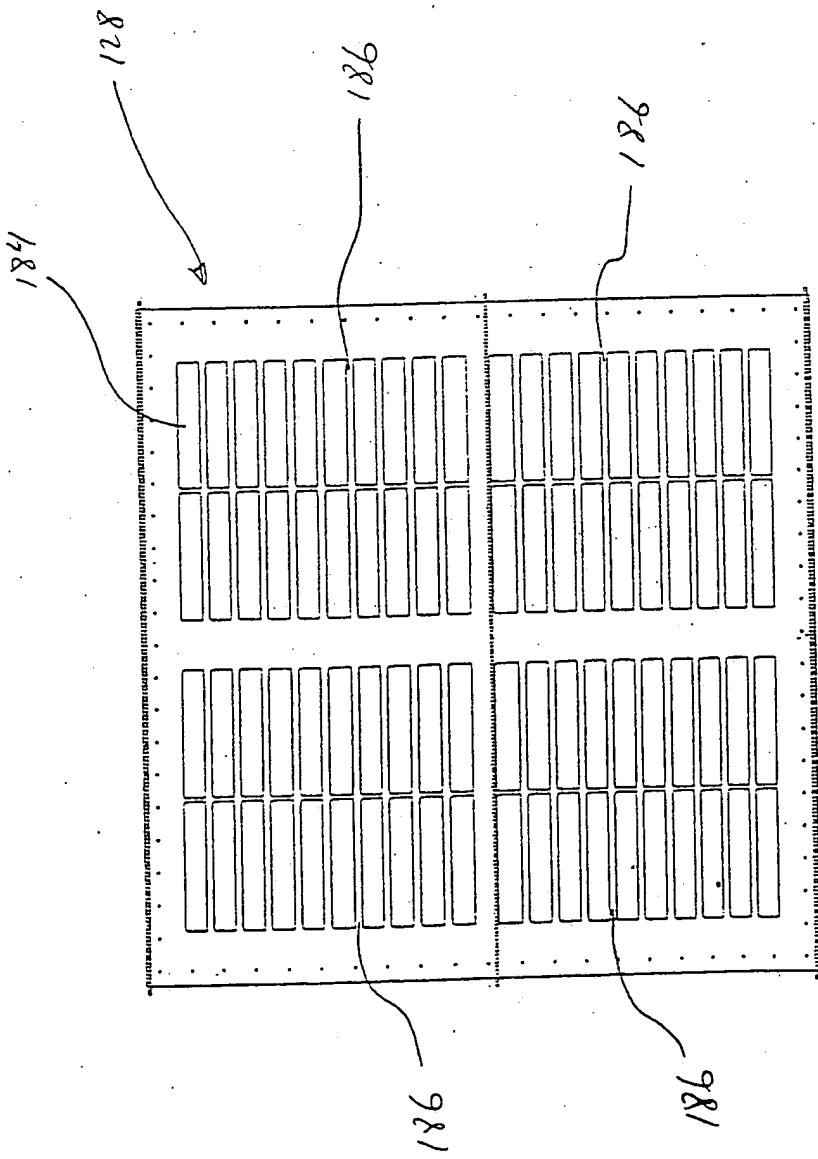


Fig 11

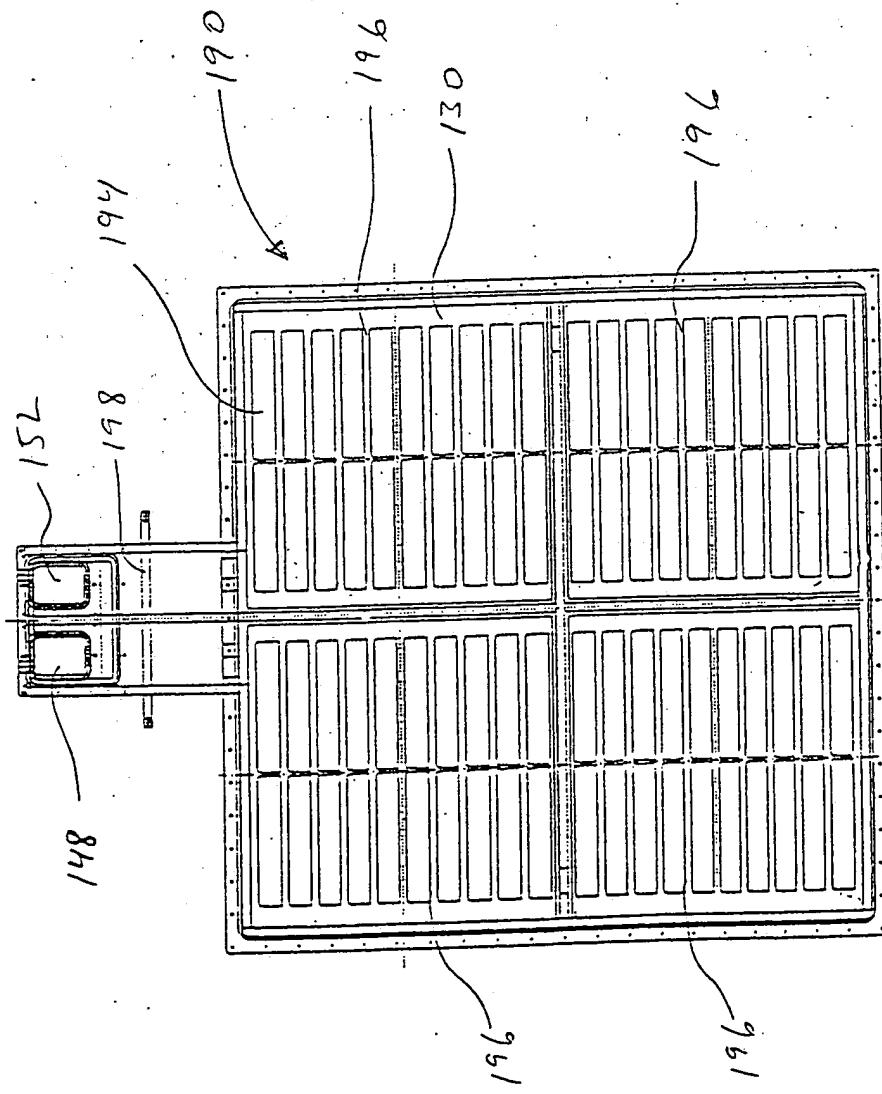


Fig. 12

190

192

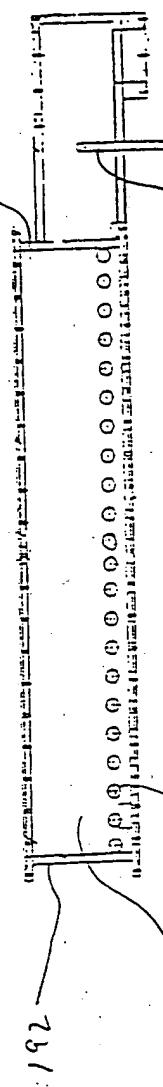
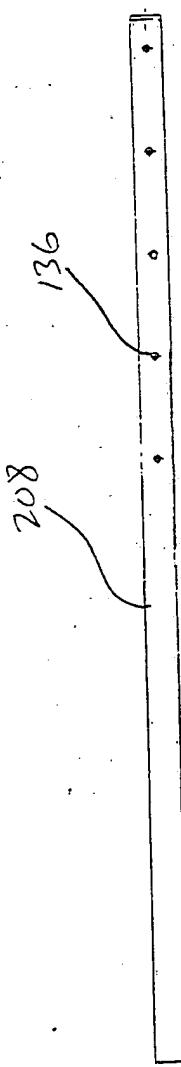


Fig. 13

202

Fig 14



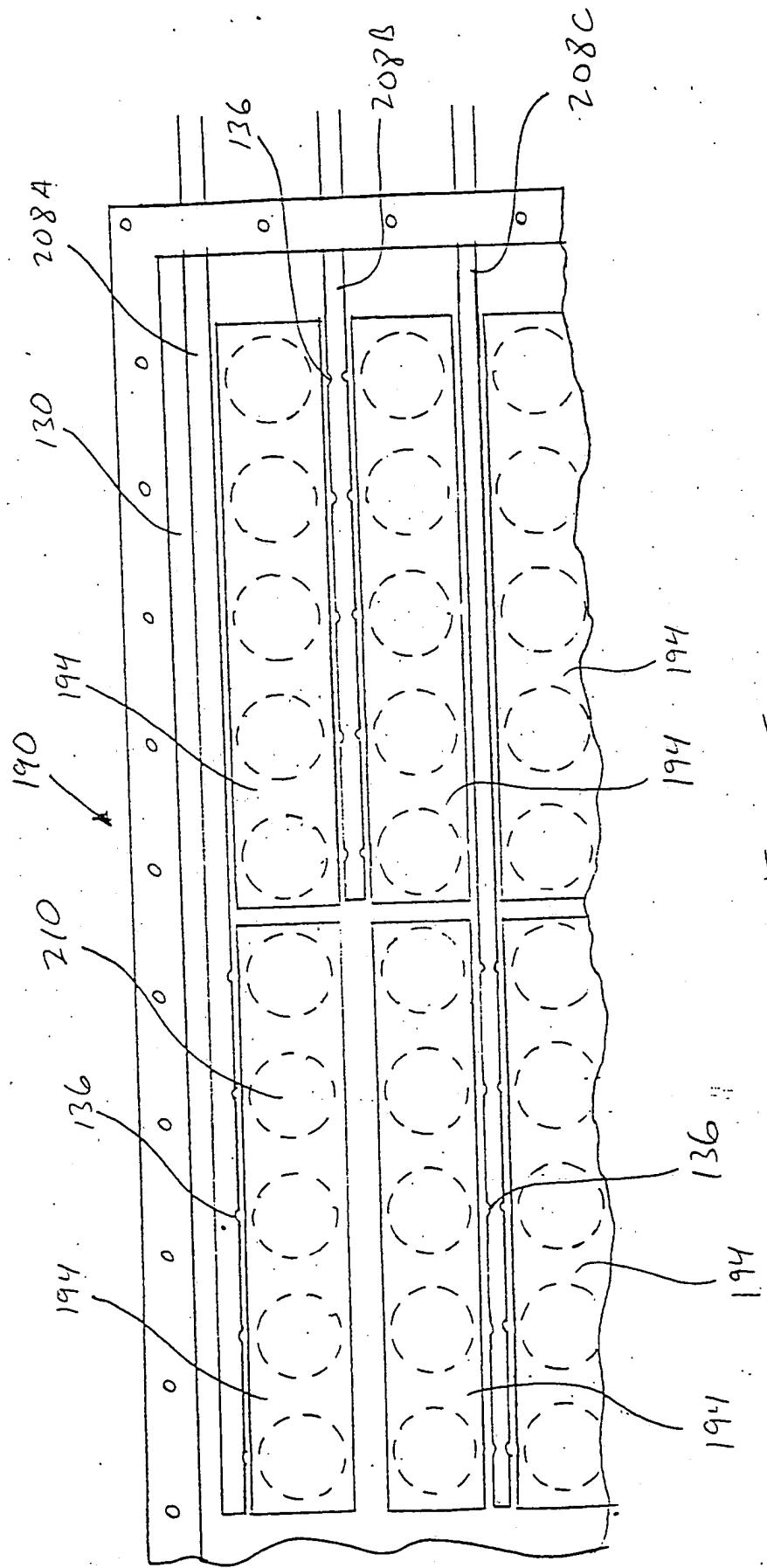


Fig. 15

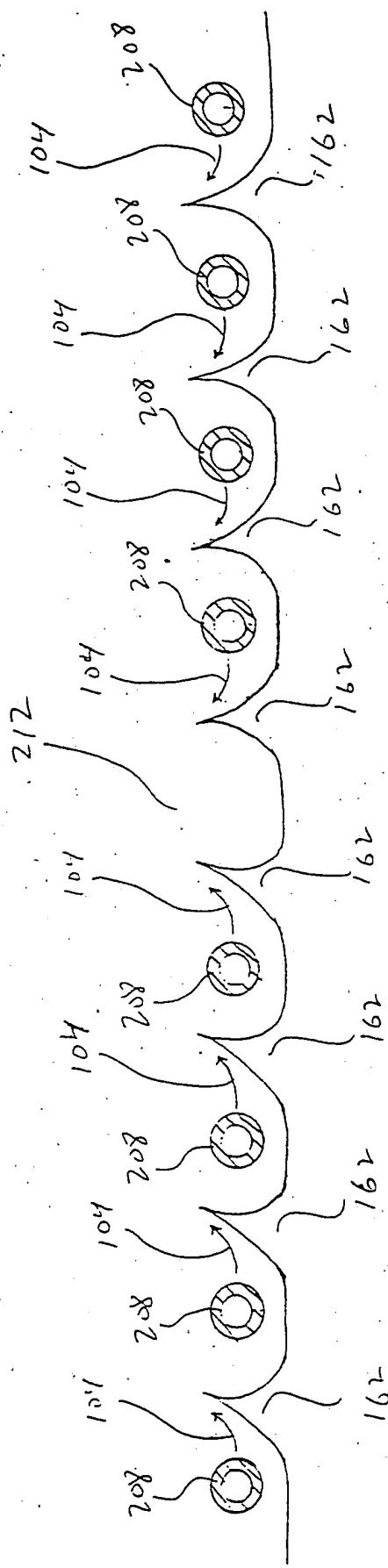


Fig. 17

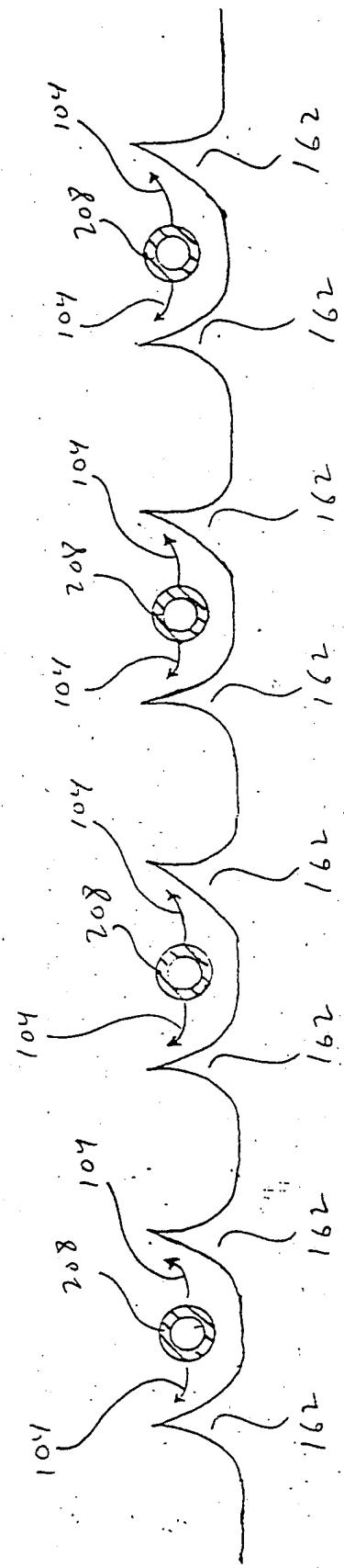


Fig. 16

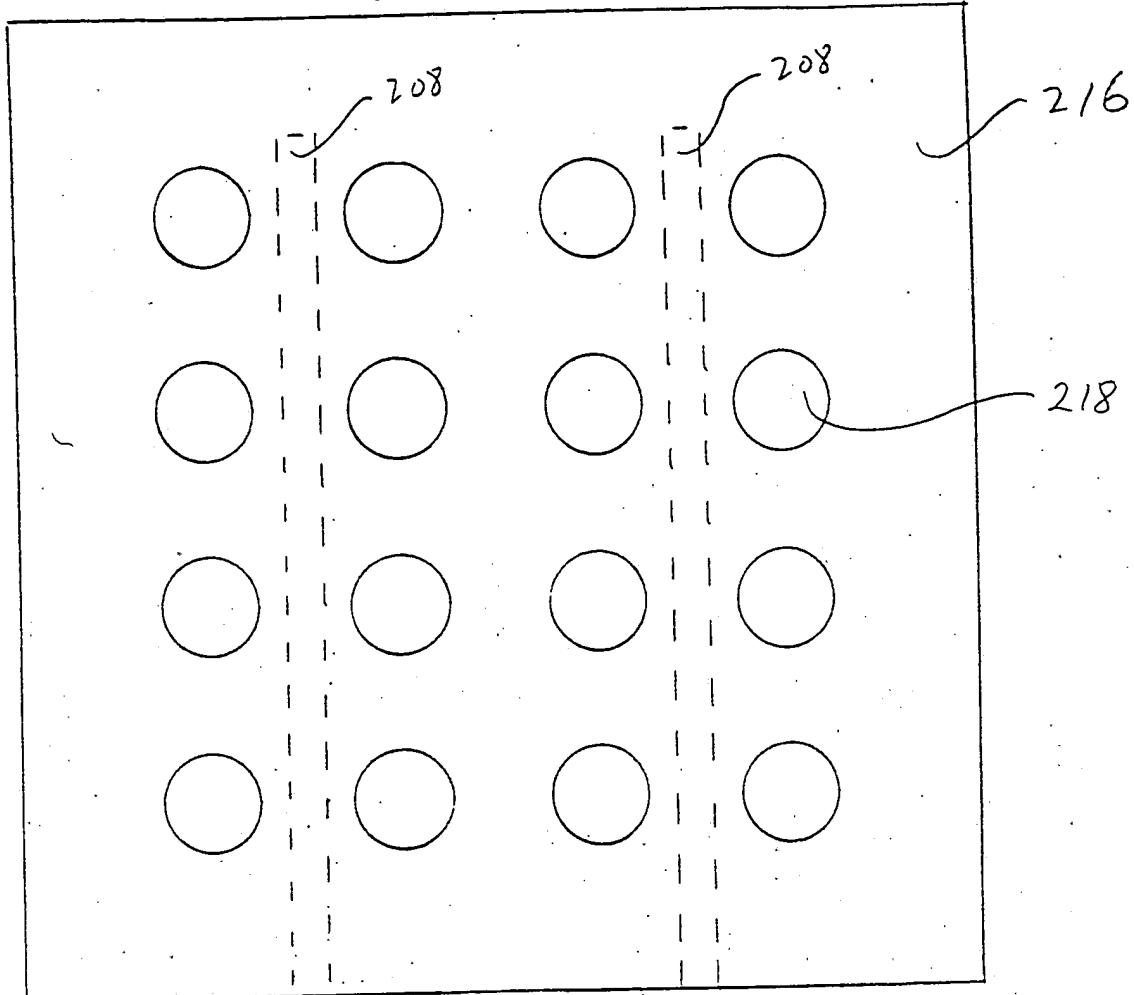


Fig. 18

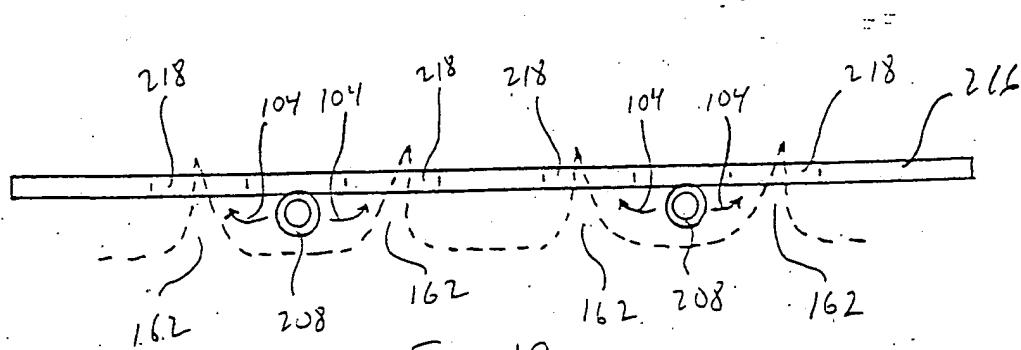


Fig. 19

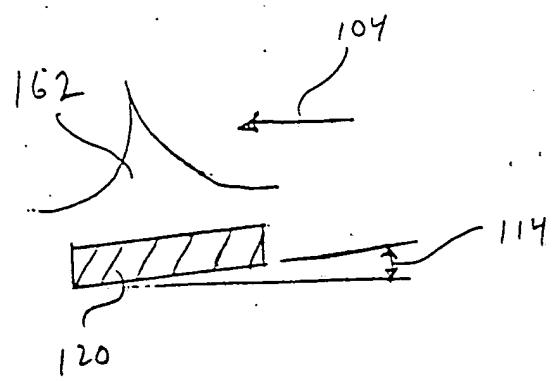


Fig. 20

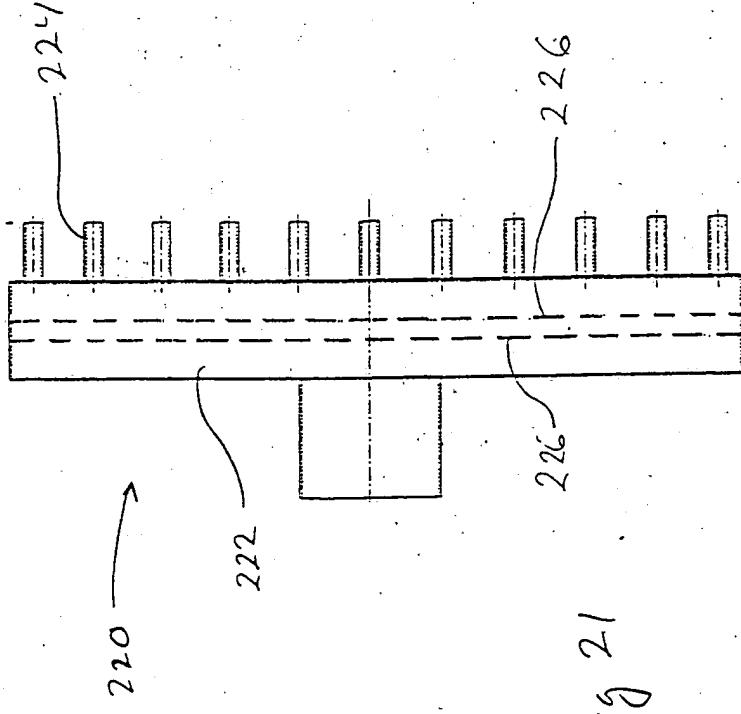


Fig 21

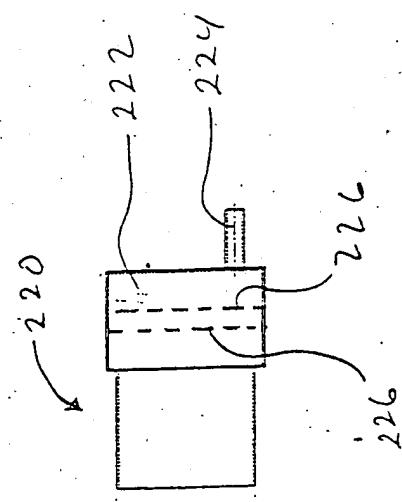


Fig 22

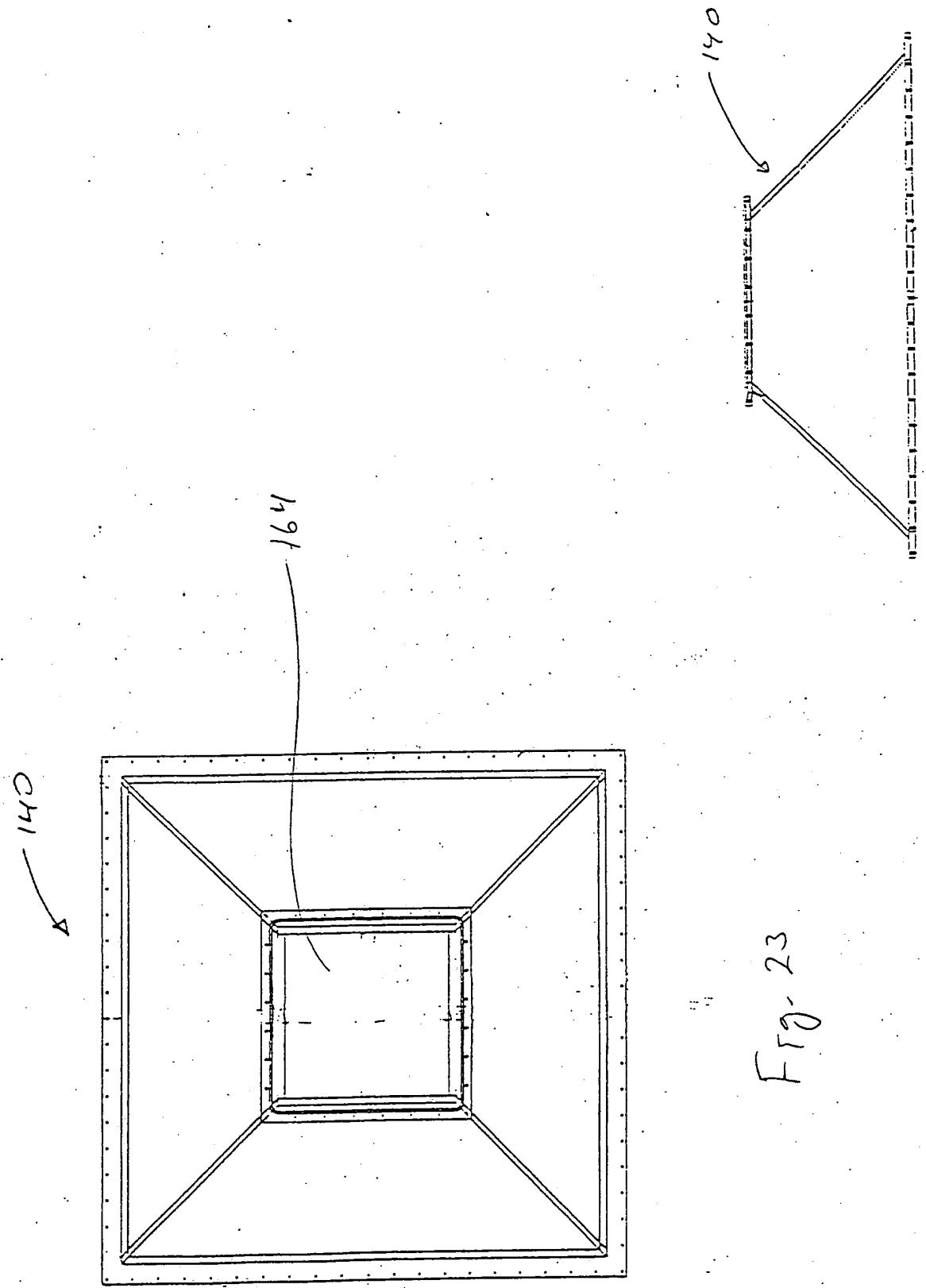
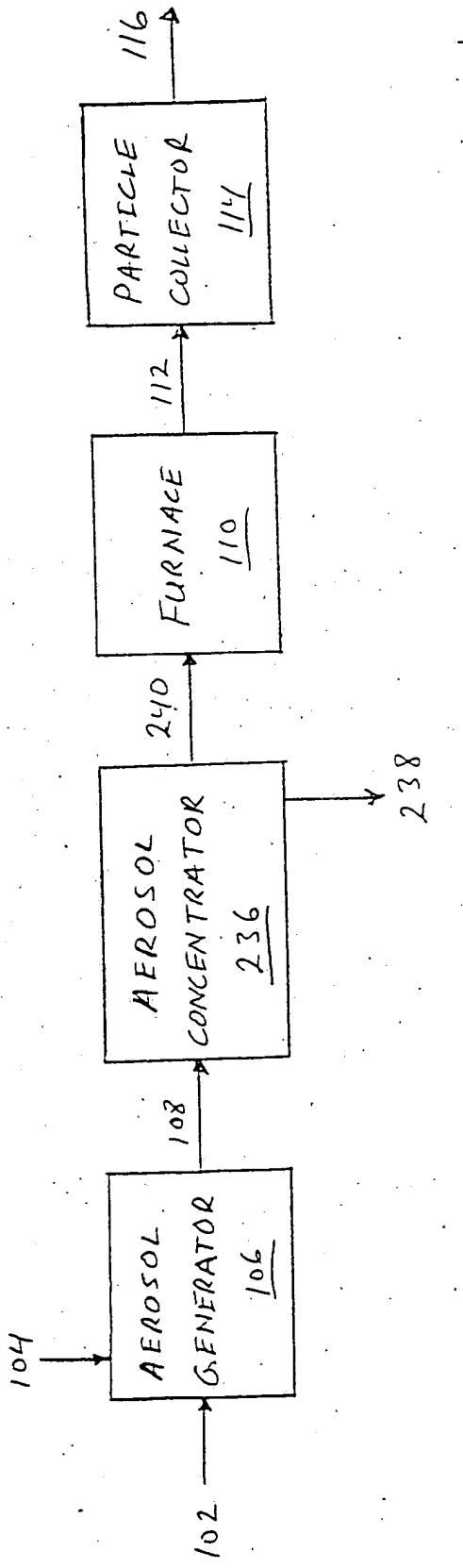


Fig. 23

Fig. 24



Frig 25

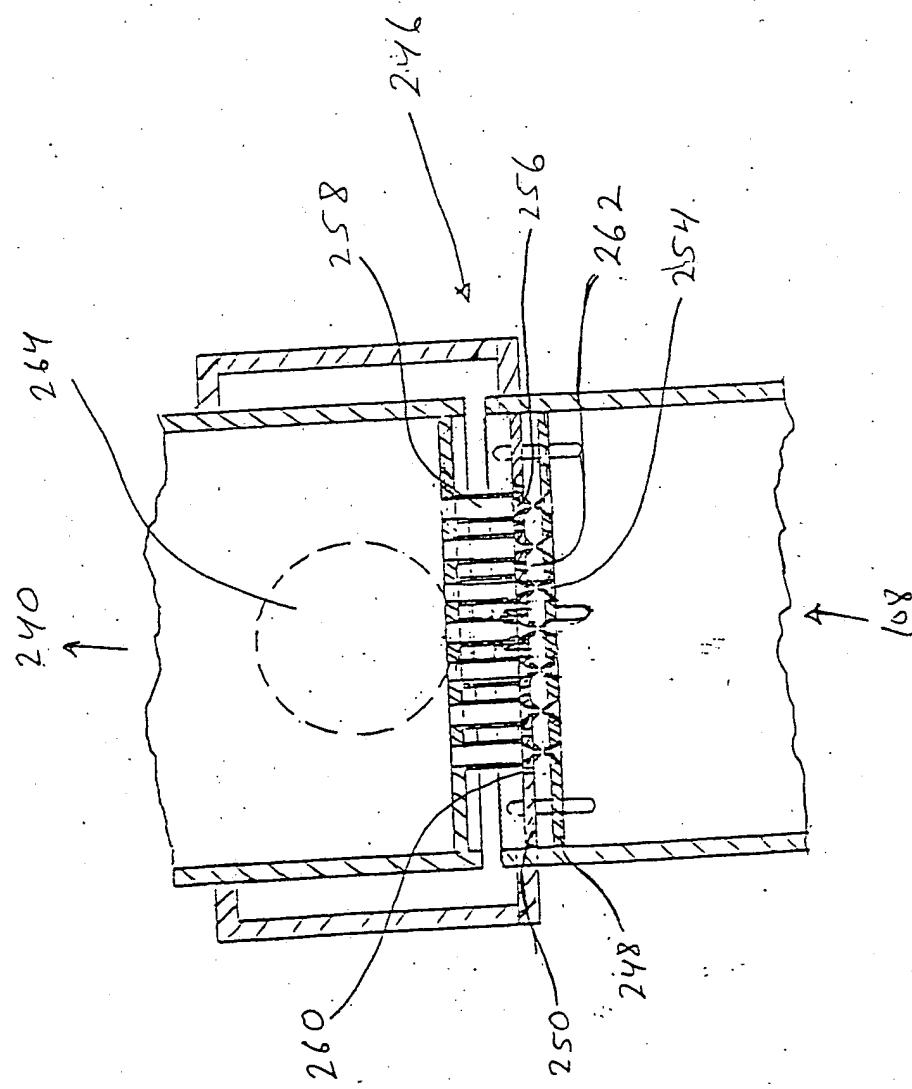


Fig 26

Fig. 29

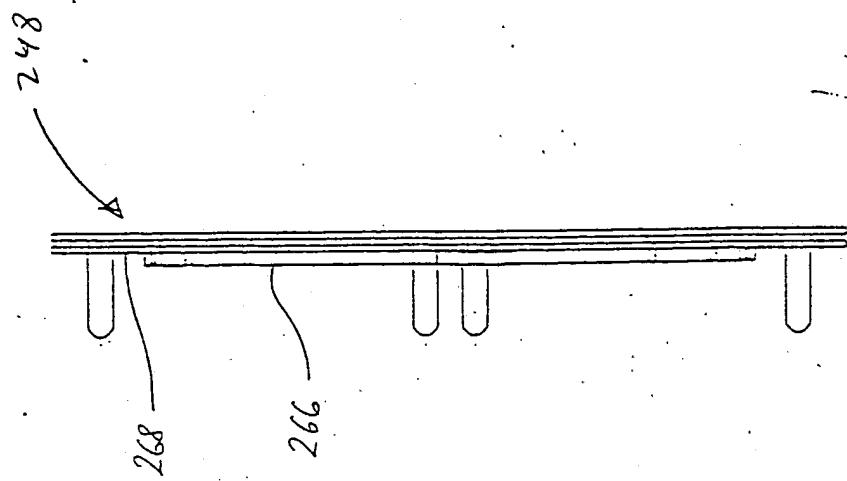


Fig. 27

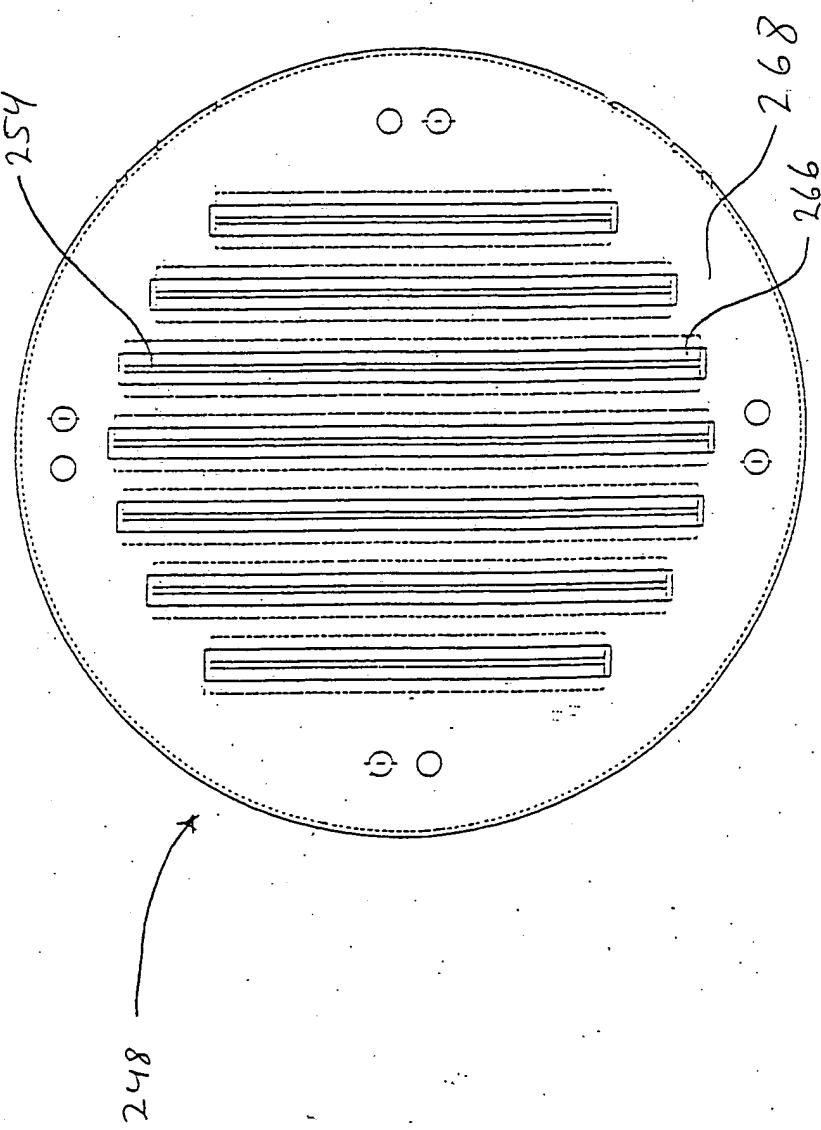
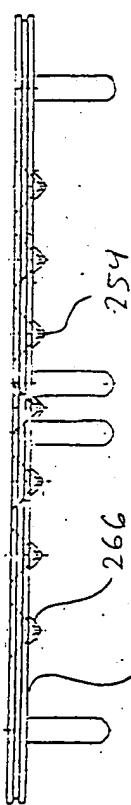


Fig. 28



248

266

254

268

254

266

248

268

266

266

Fig. 32

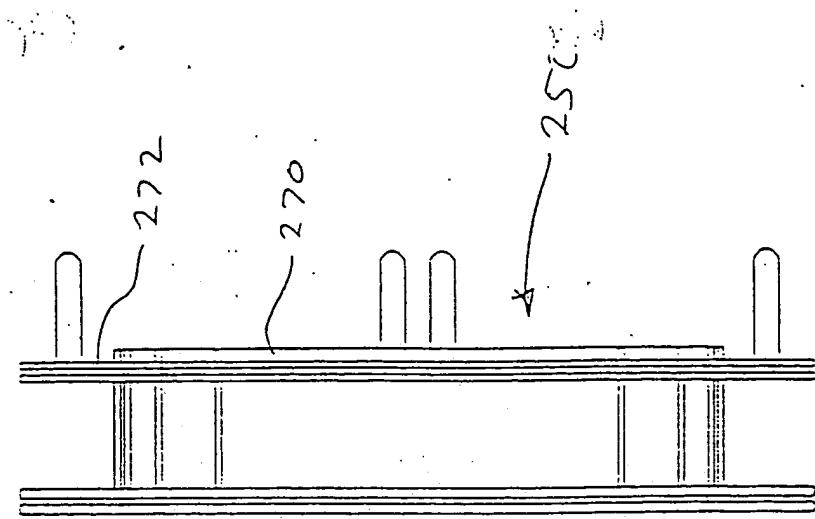


Fig. 30

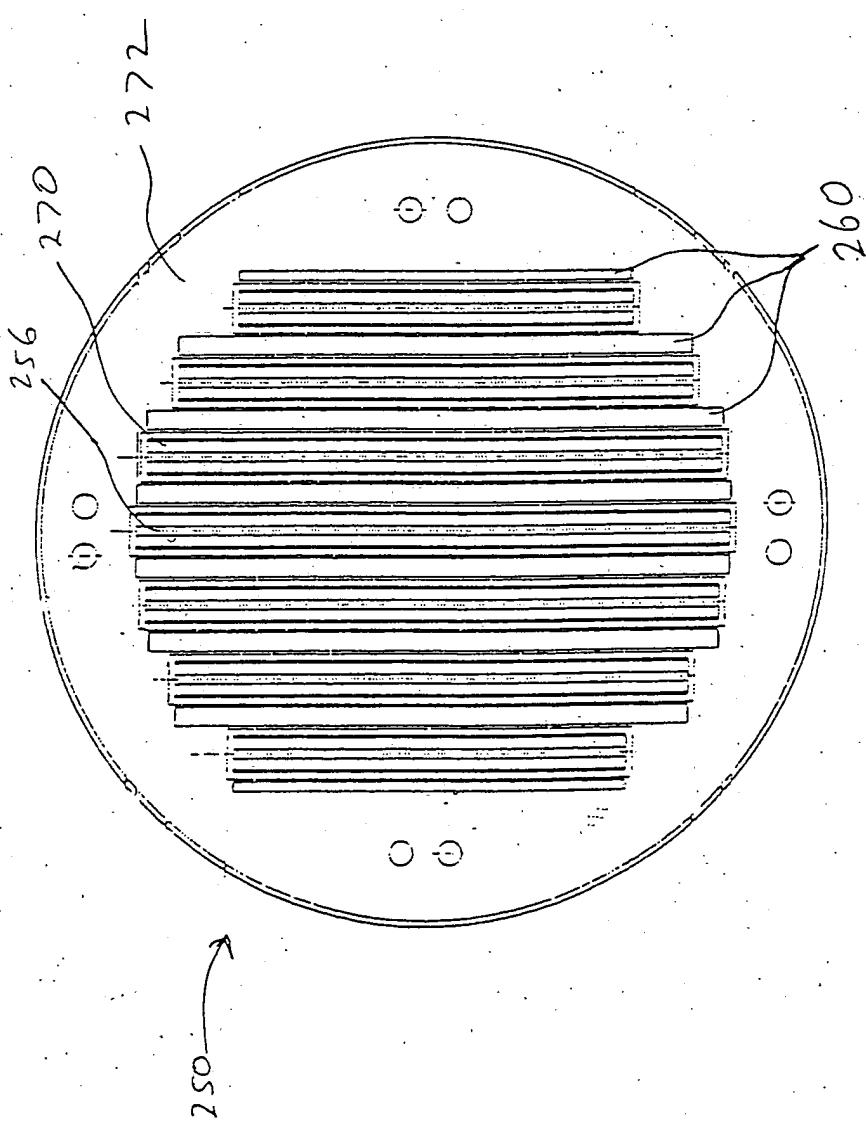
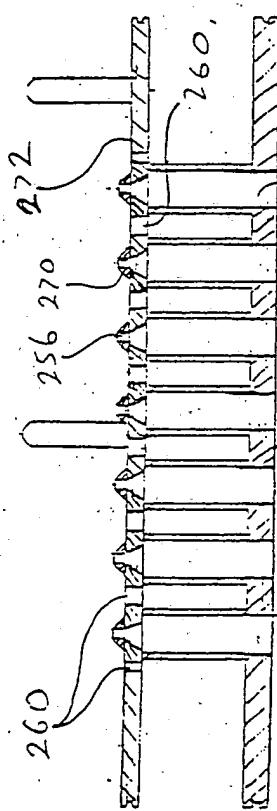


Fig. 31



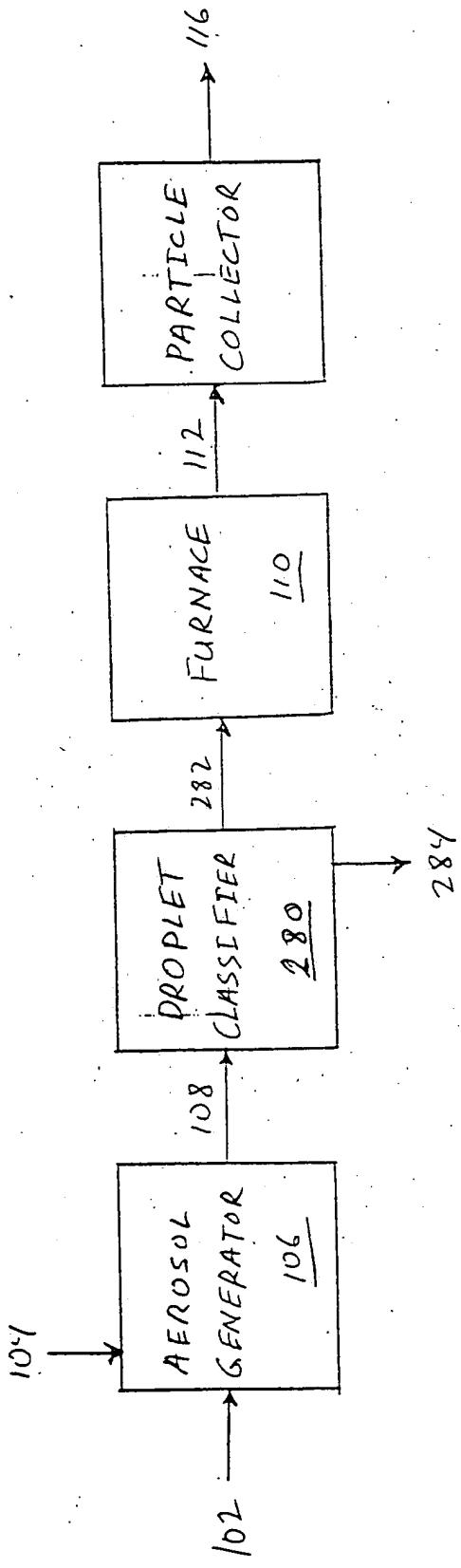


Fig 33

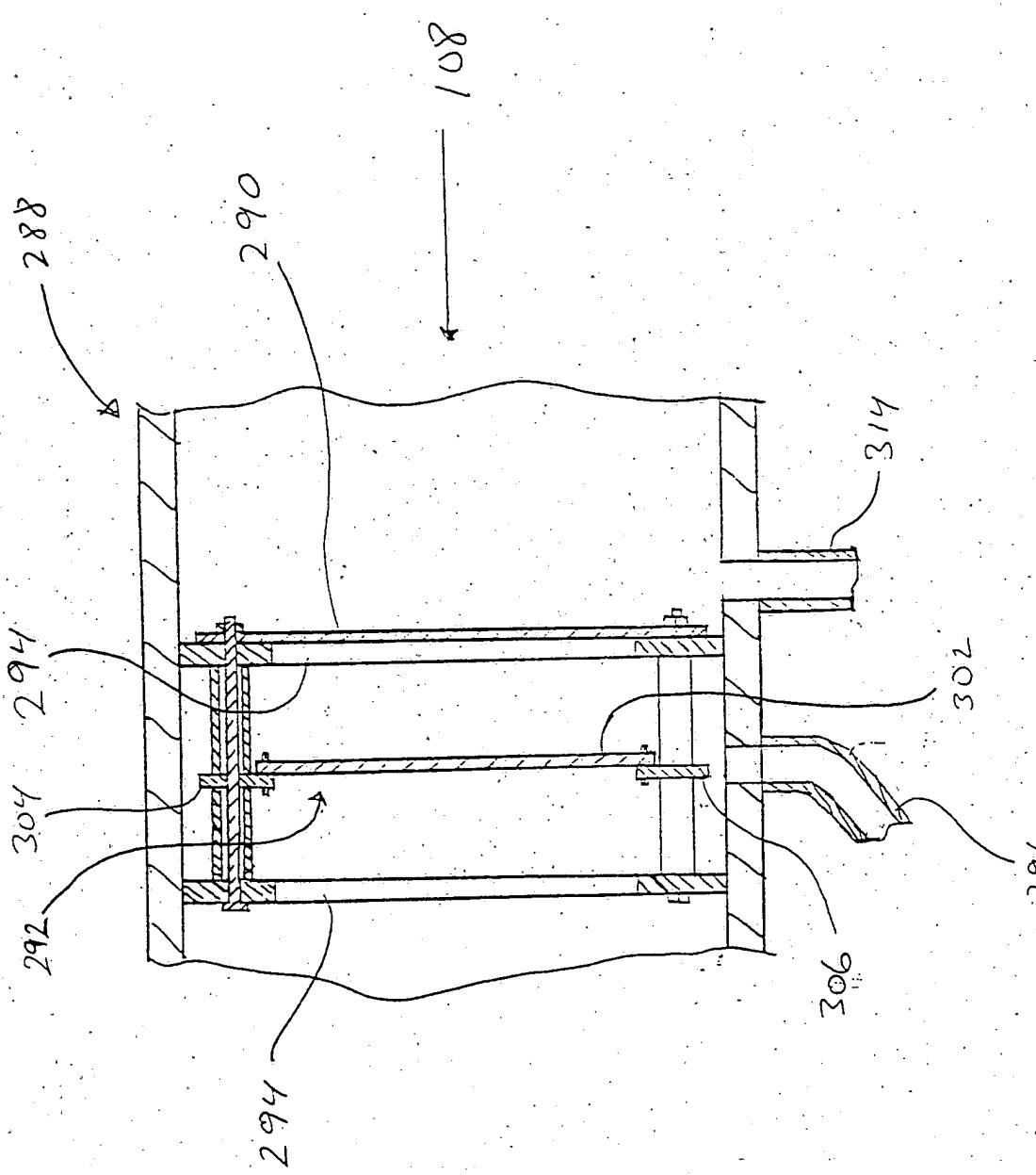
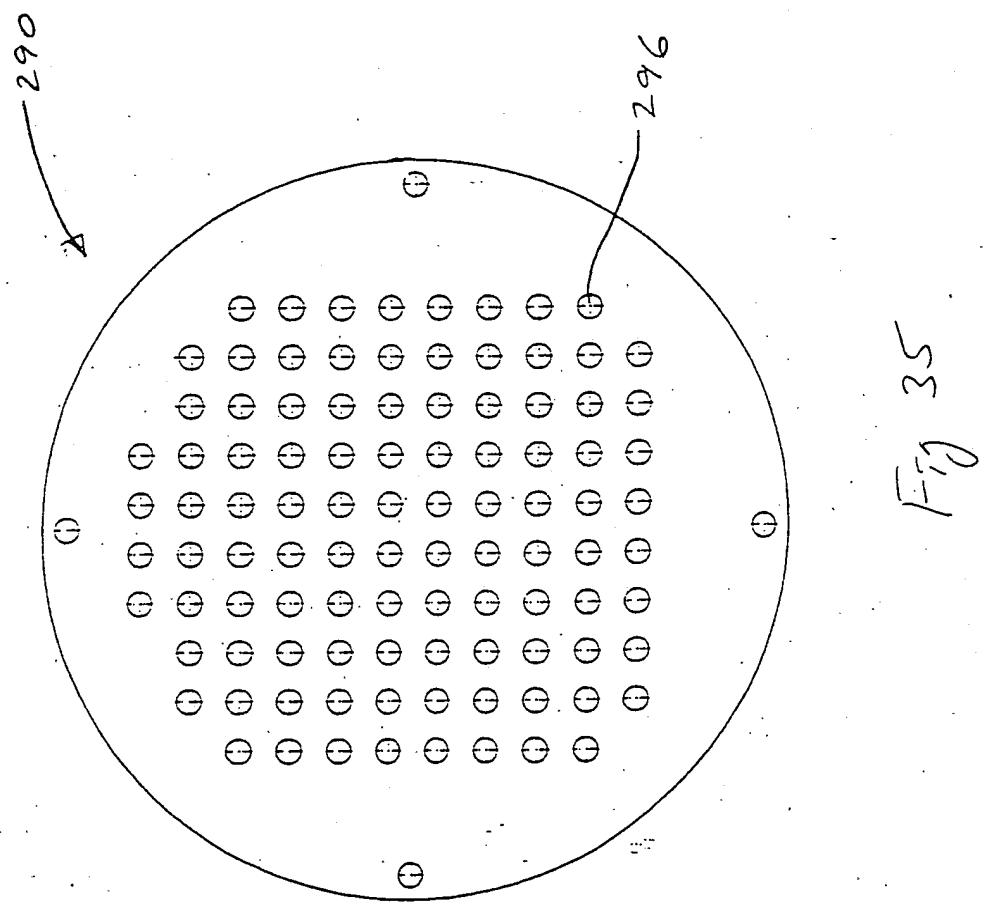


Fig 34



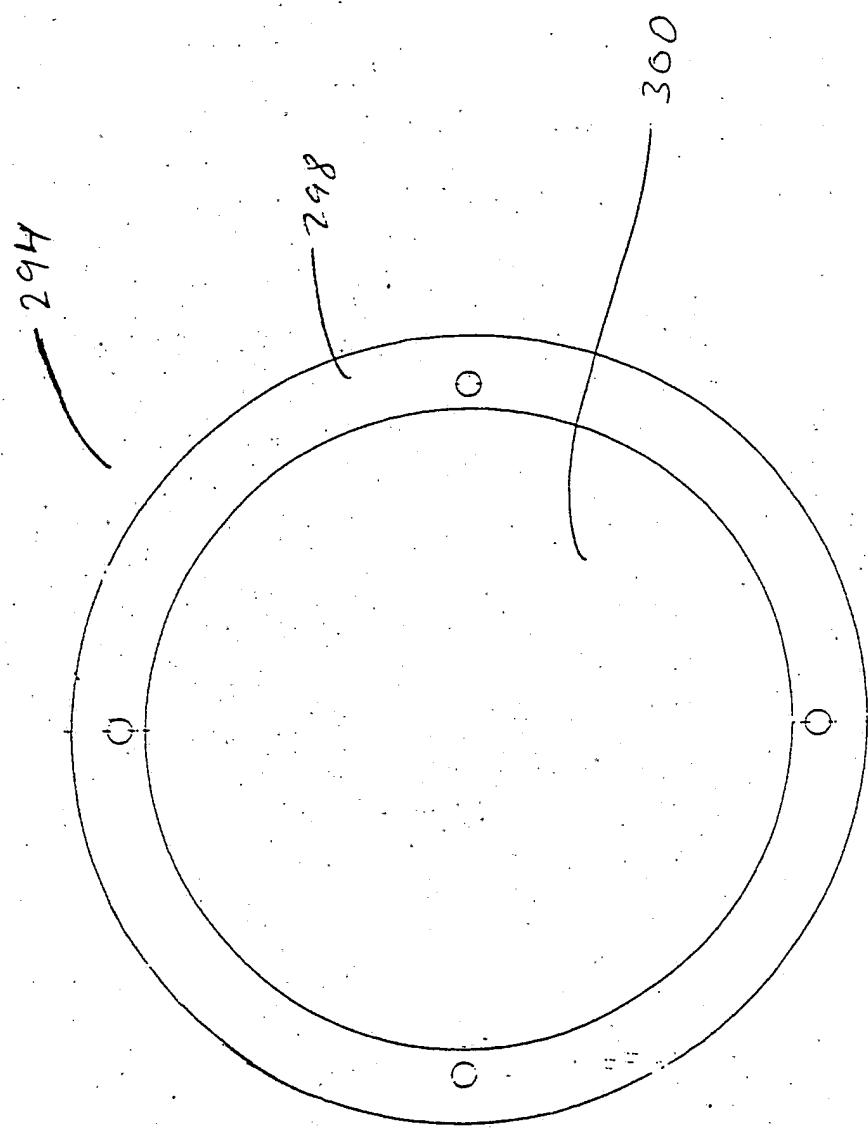


Fig 36

Fig. 38

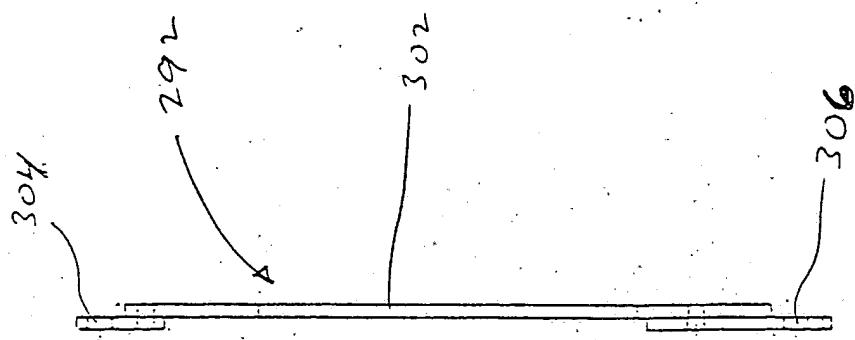
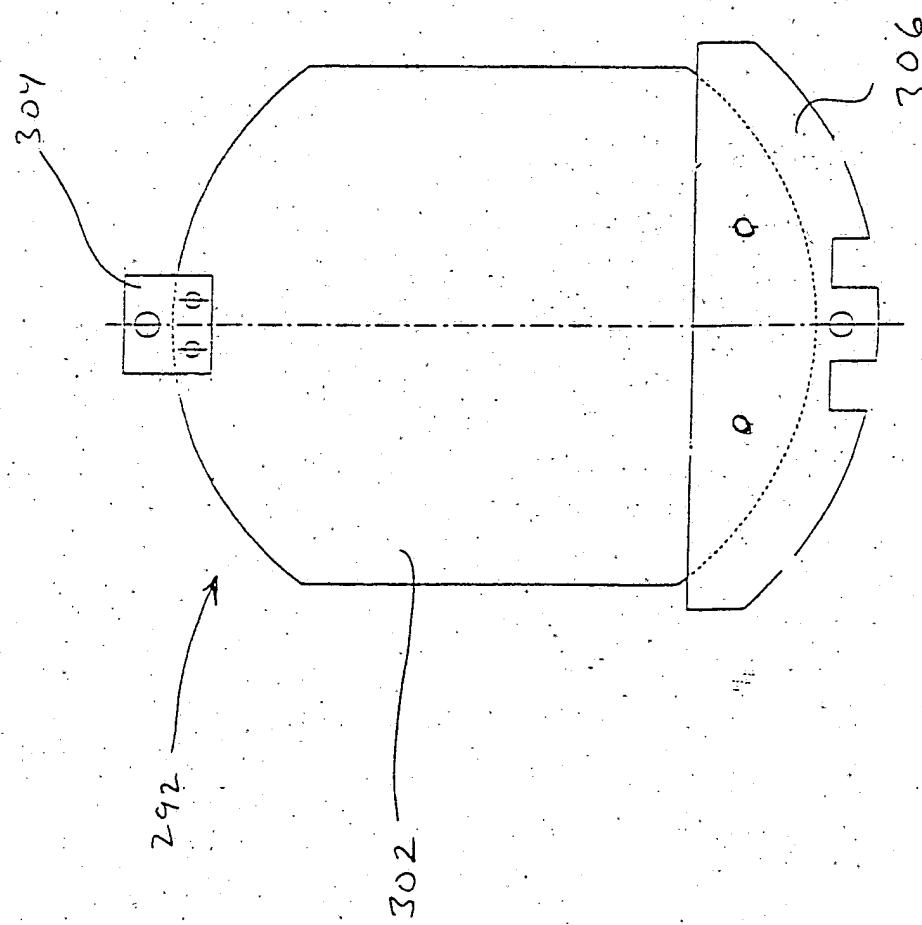


Fig. 37



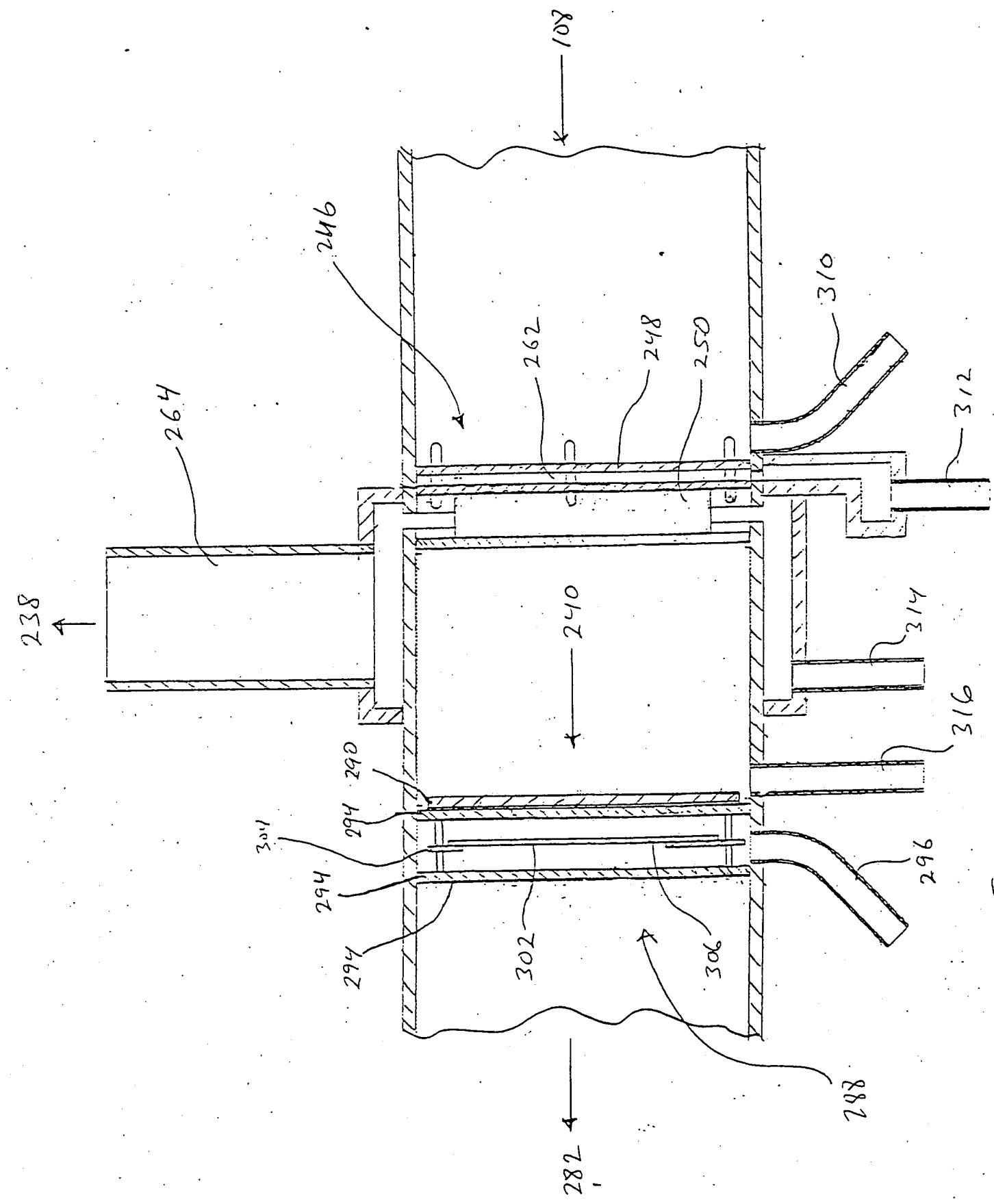


Fig. 39

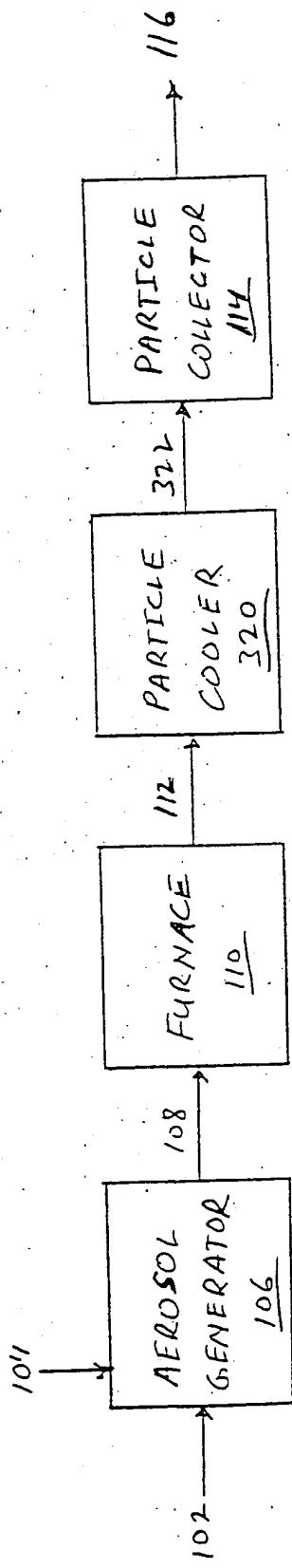


Fig. 410

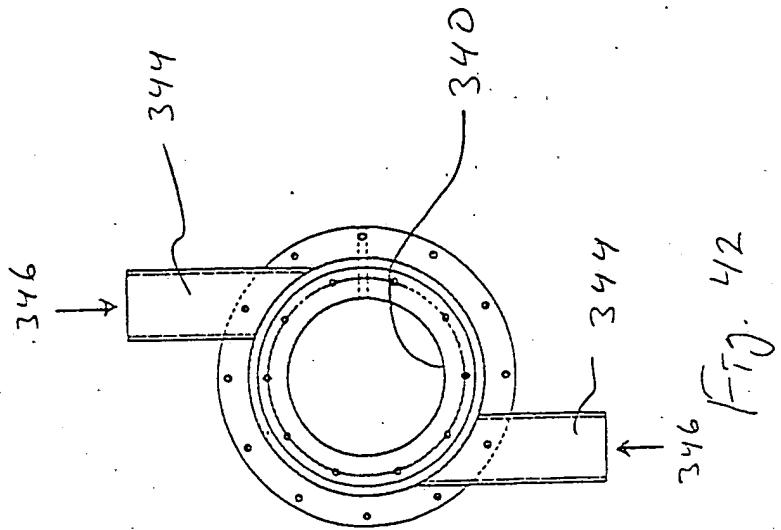


Fig. 42

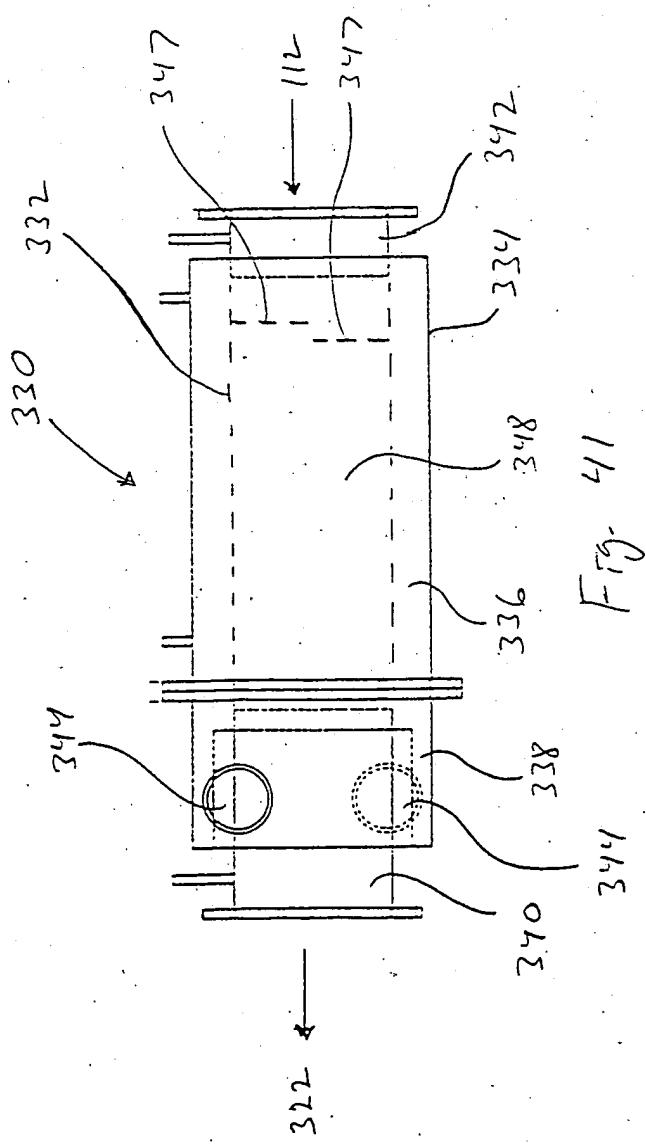


Fig. 41

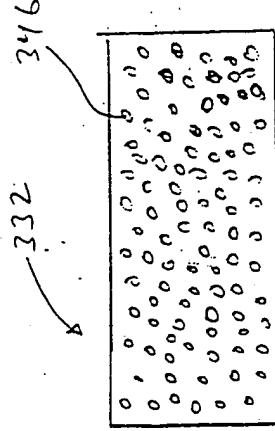


Fig. 43

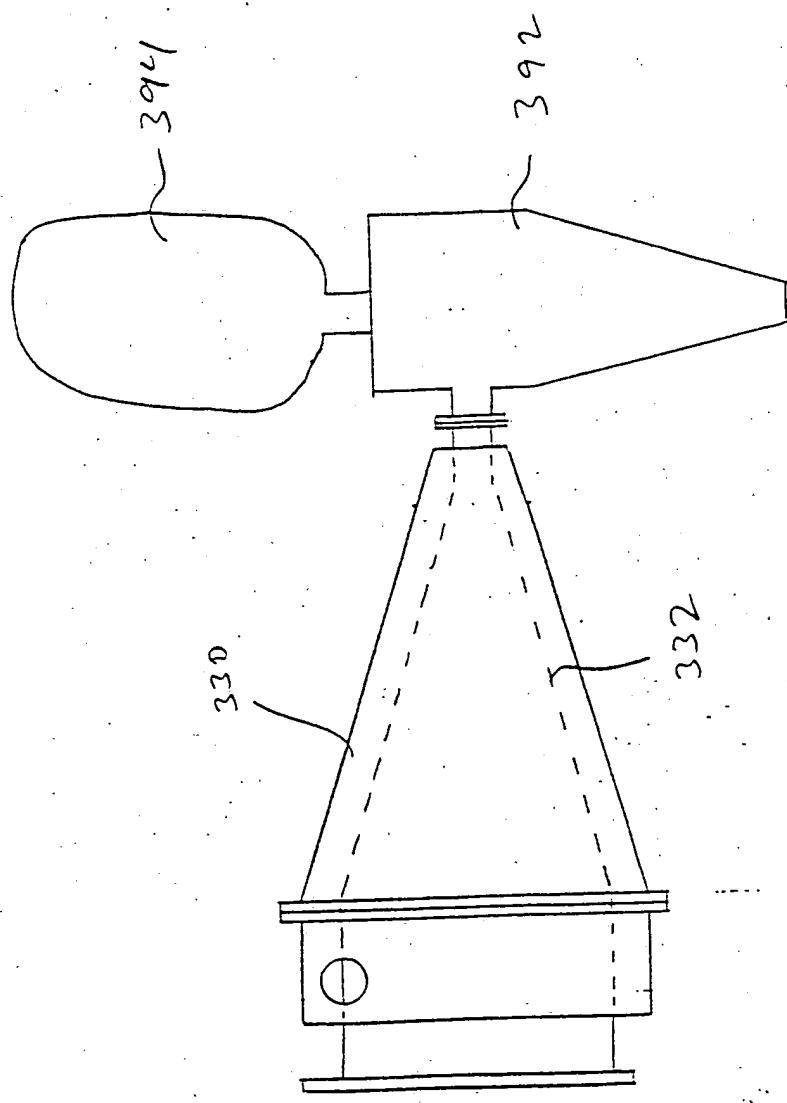


Fig 41

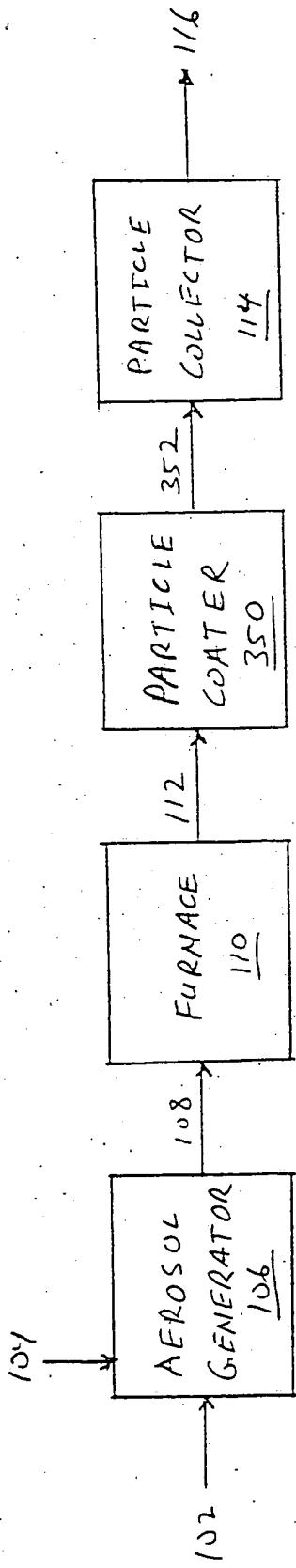


Fig 45

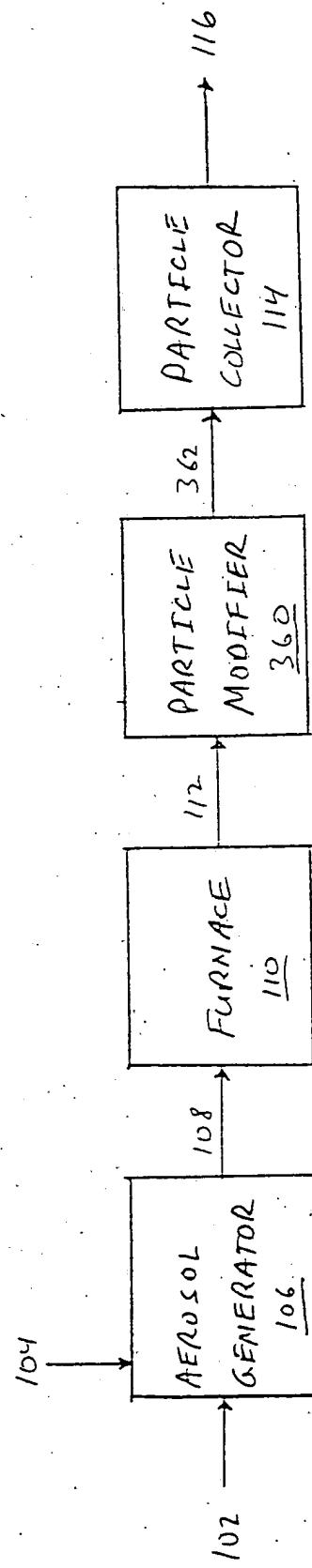


Fig. 46

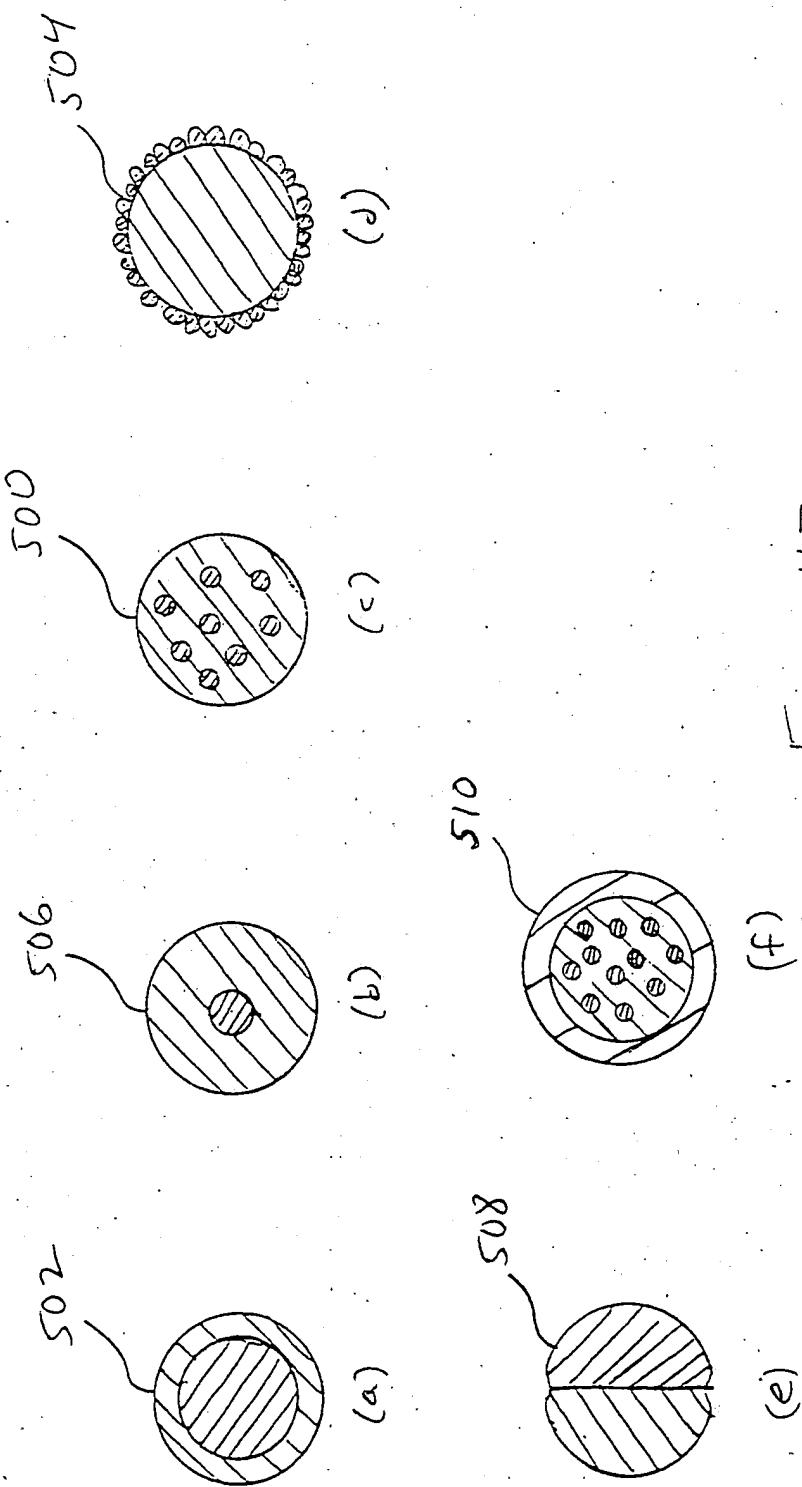


Fig. 417

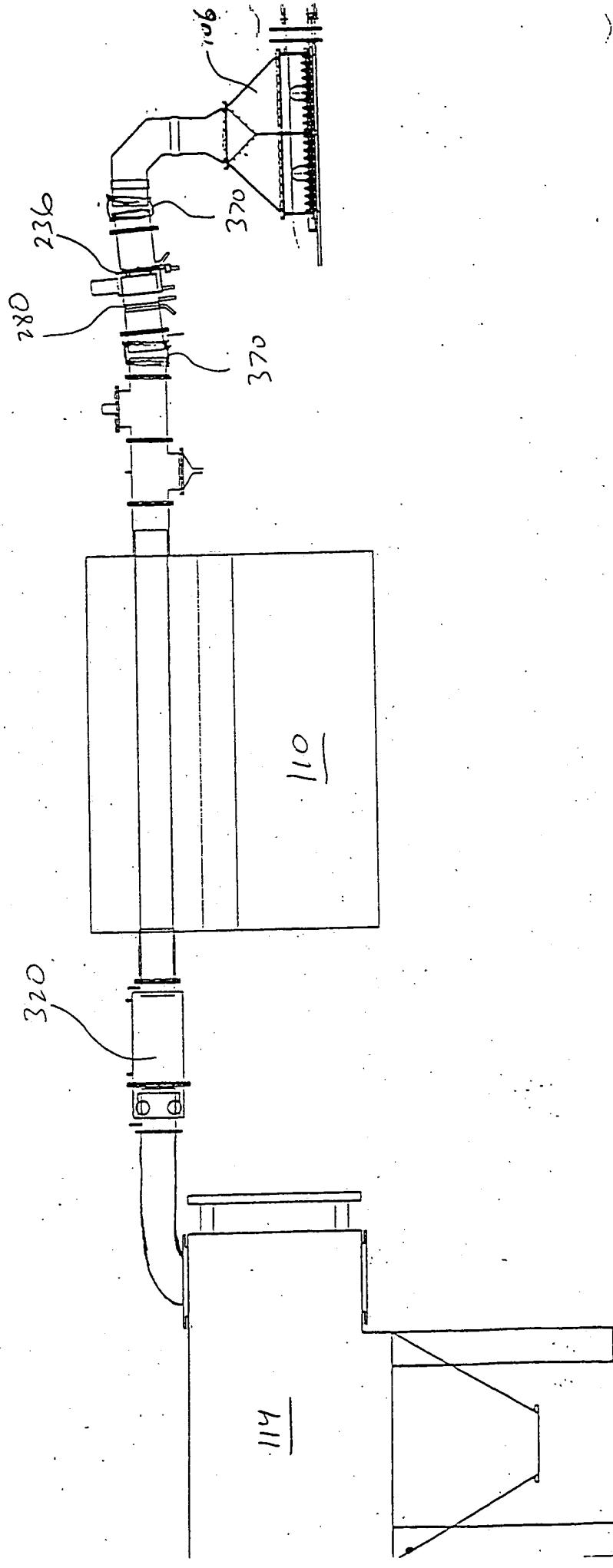


Fig. 48

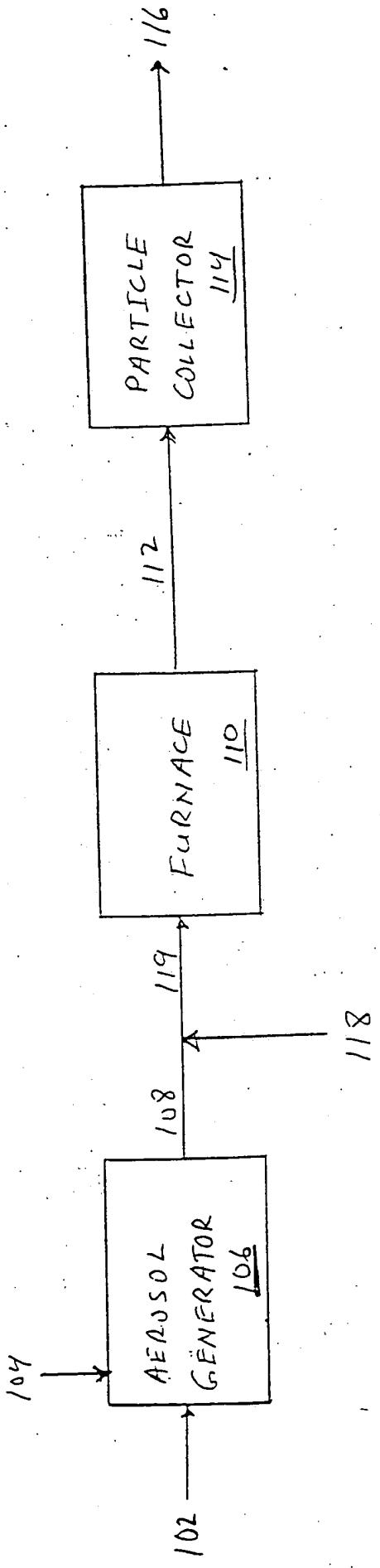


Fig. 119

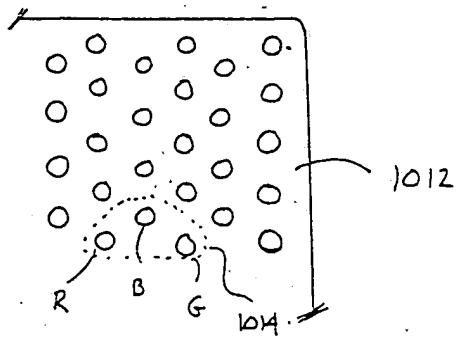


Fig. 51

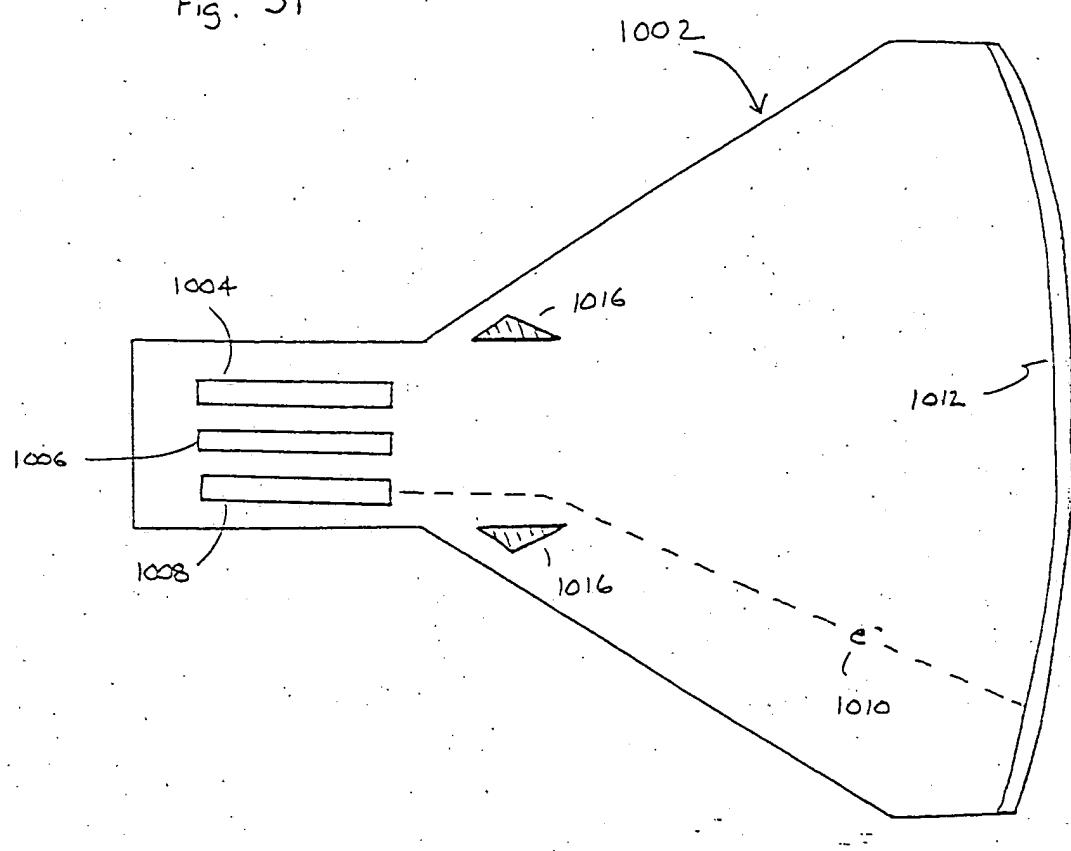


Fig. 50

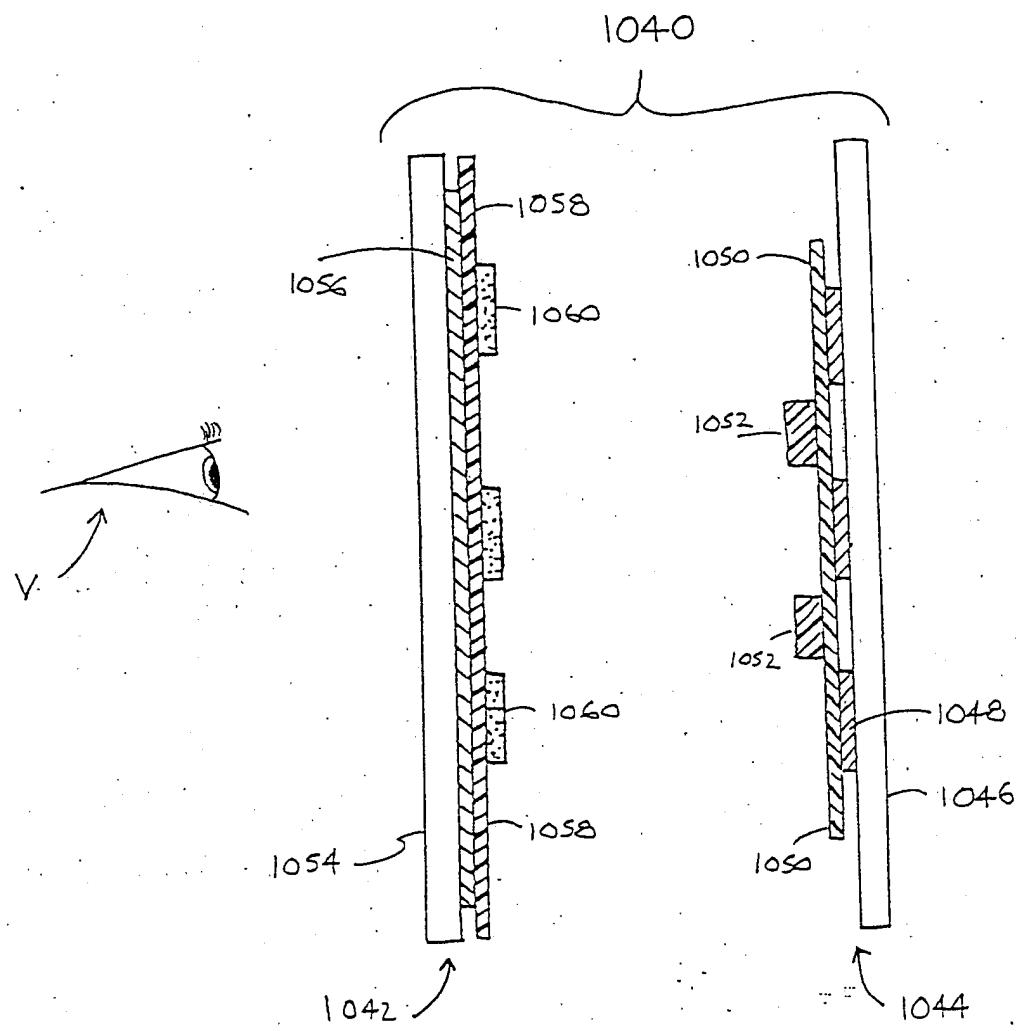


Fig. 52

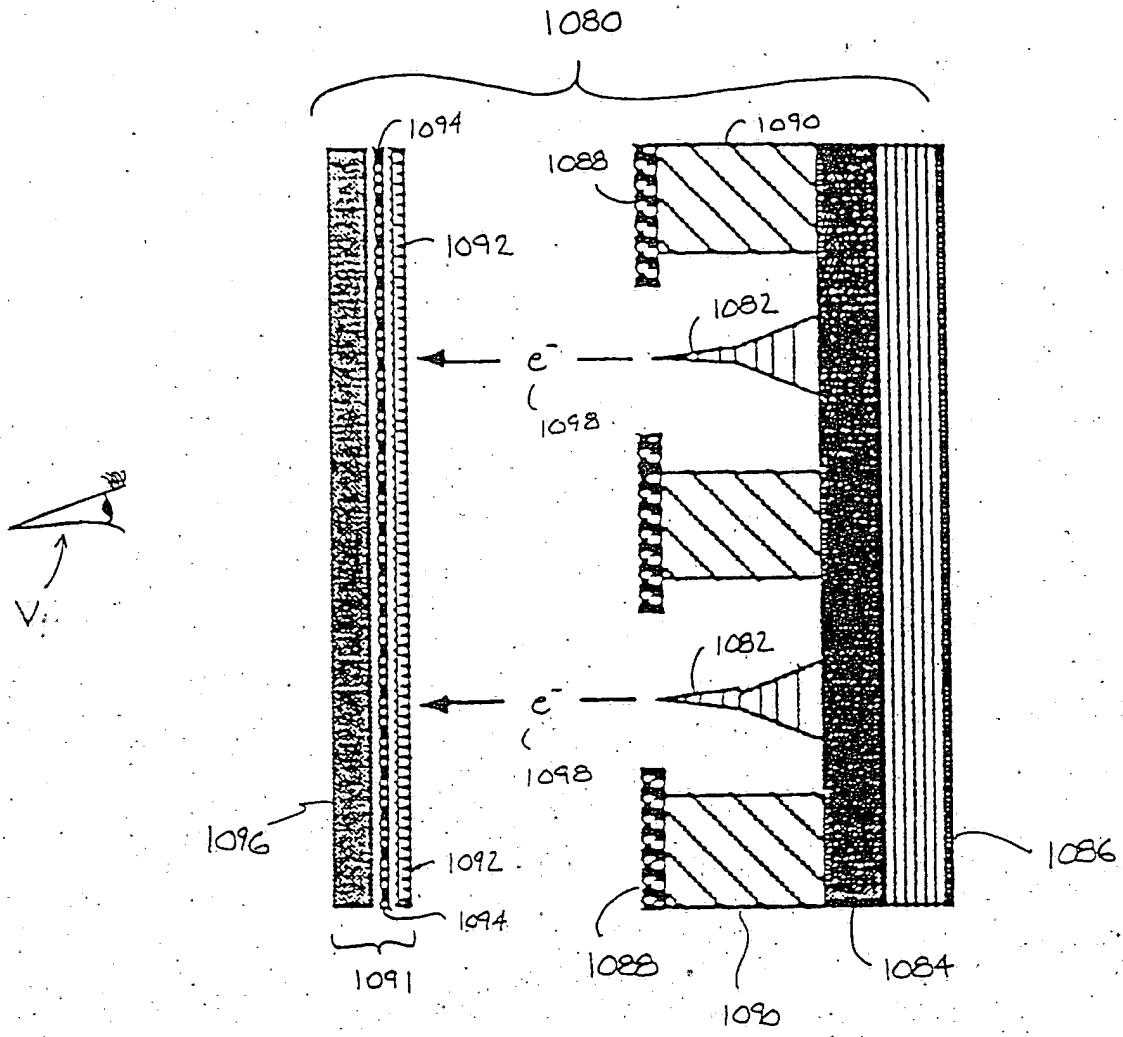


Fig. 53

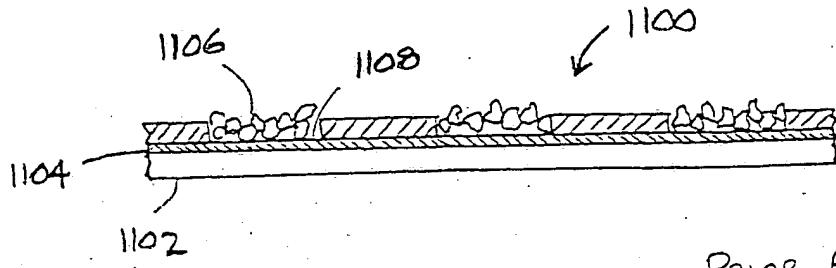


Fig. 54

PRIOR ART

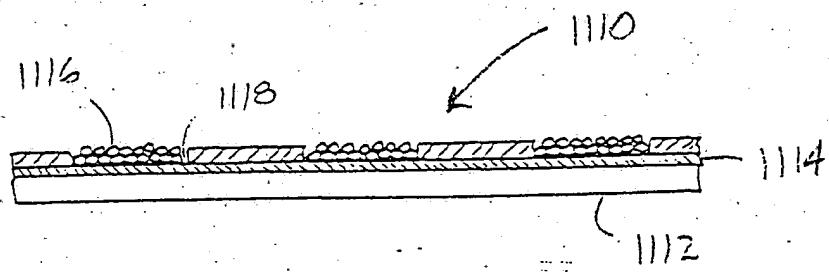


Fig. 55

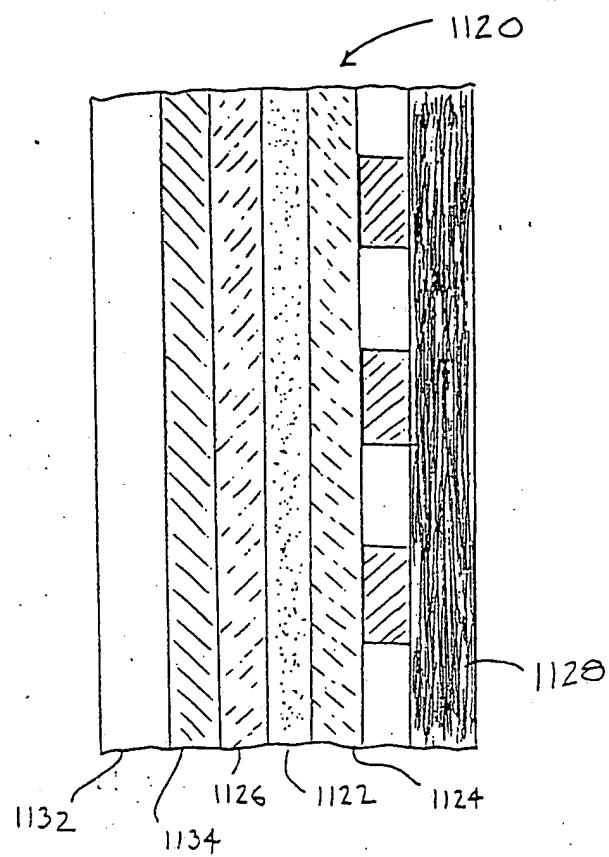


Fig. 56

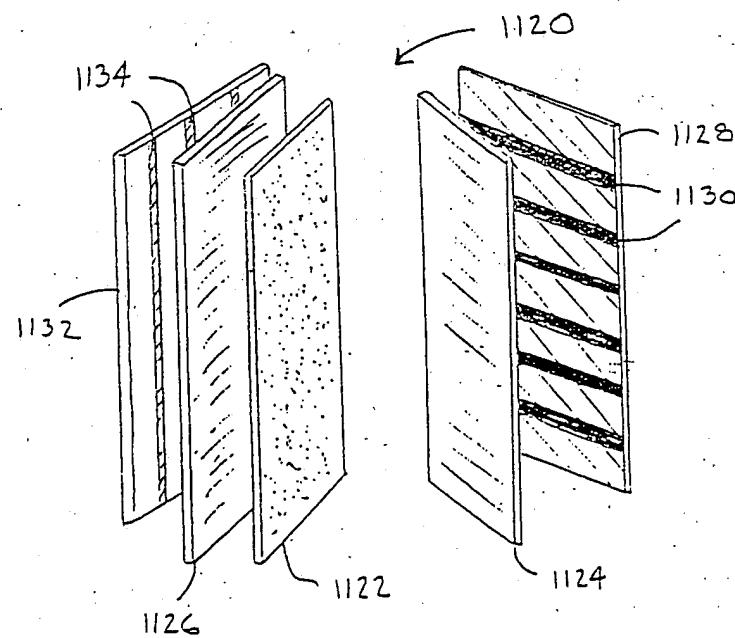


Fig. 57

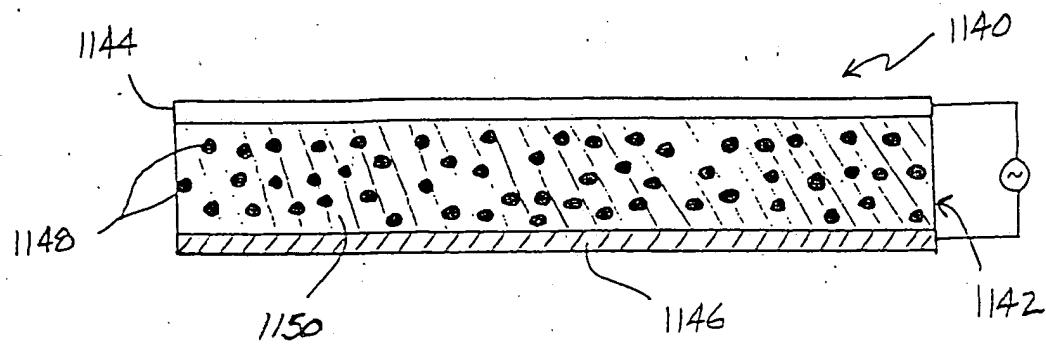


Fig. 58

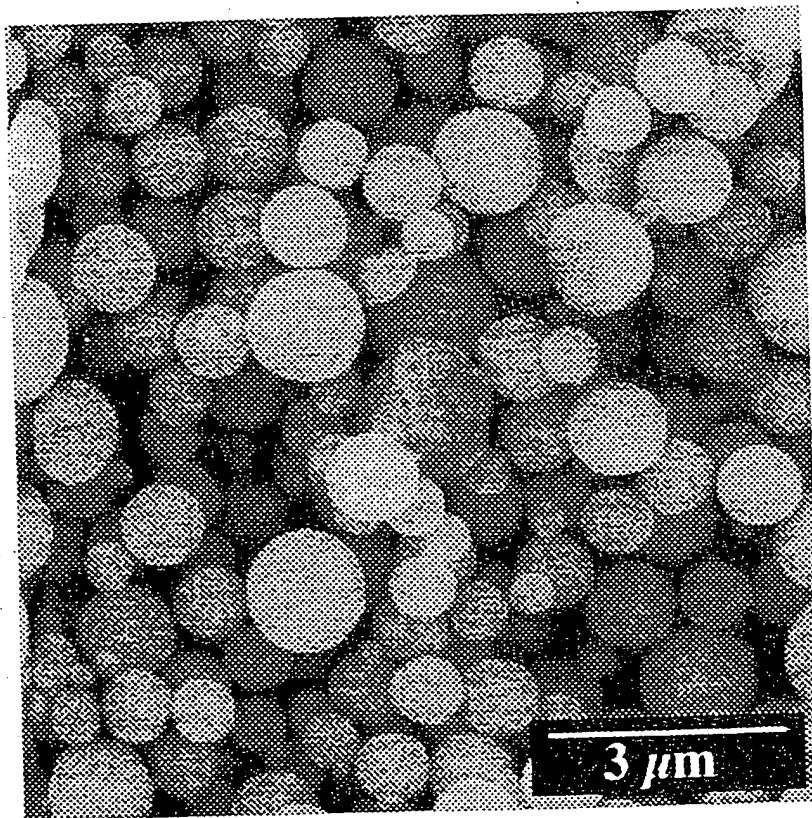


Fig. 59

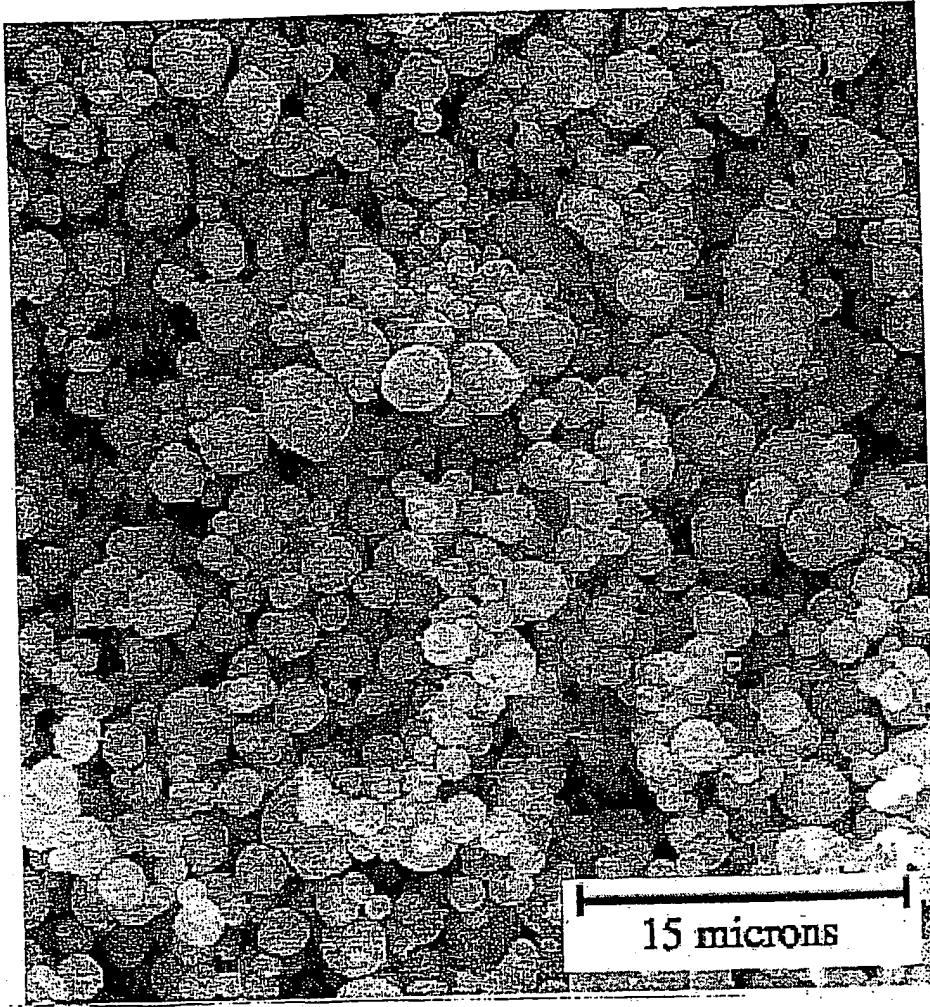


Fig. 60

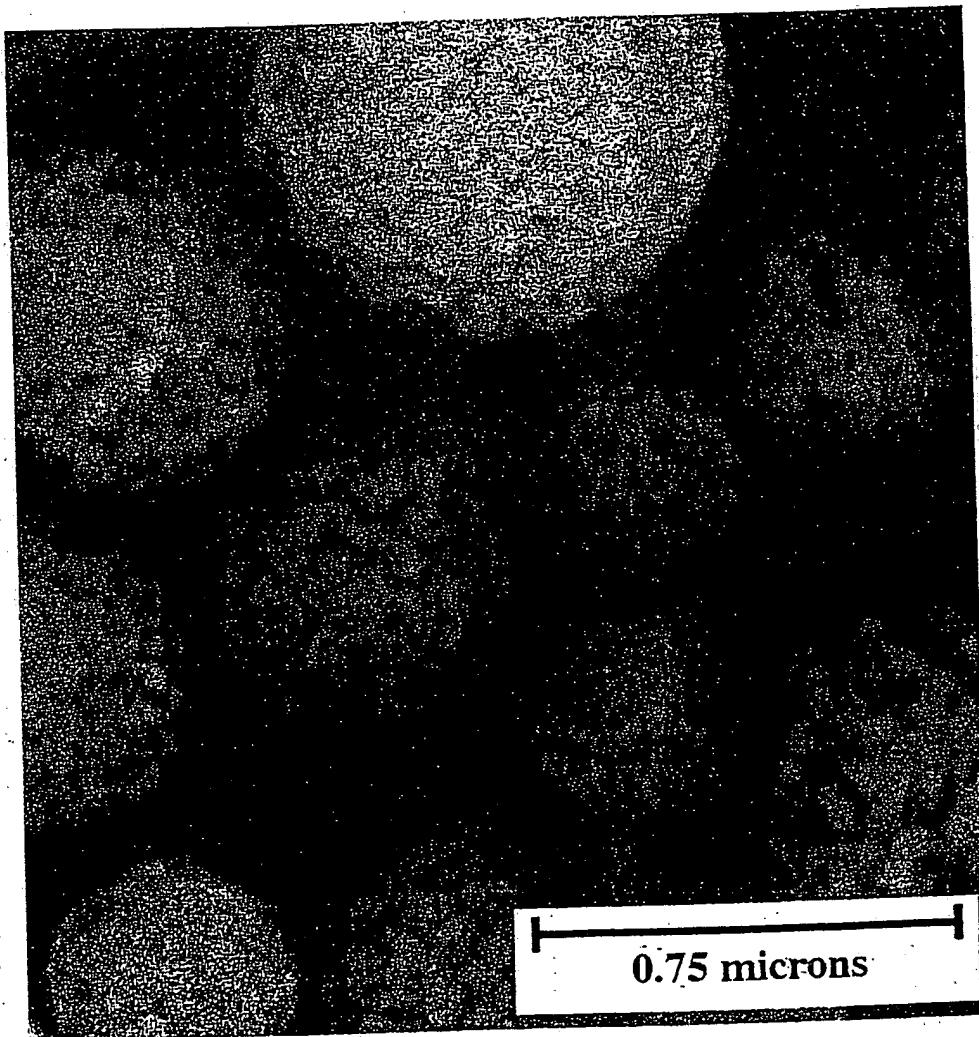


Fig. 61

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- ✓ • BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**